DIRECT SUPPLY INC

SURFACE MATERIALS \ CABINETRY \ HARDWARE

1055 36TH STREET SE, GRAND RAPIDS, MI 49508

PRODUCT CATALOG








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DIRECT SUPPLY INC PRODUCT CATALOG

SURFACE MATERIALS \ CABINETRY \ HARDWARE

certified WBENC WOMEN'S BUSINESS ENTERPRISE

SMALL BUSINESS CERTIFIED by the Small Business Association of Michigan

BBB ACCREDITED BUSINESS

Check out our Online Catalog for always current pricing & literature!
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SURFACE MATERIALS

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Hanex Solid Surfaces
ELEVATE LIFE

GEMSTONE
Solid Surface Sinks & Shower Pans

Kräus

REHAU

John BOOS Since 1887

11 Pr PremiumRock 20/117,314

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Amana Tool® REDEFINING WOODWORKING®

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The SMART CLIP™

Gem INDUSTRIES, INC.

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GUNDLACH

Omega National PRODUCTS

CABINETRY

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DIRECT SUPPLY INC
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RETURN POLICY

- CONTACT US FOR RETURN AUTHORIZATION OF STOCK ITEMS WITHIN 30 DAYS OF ORIGINAL INVOICE DATE
- ALL MERCHANDISE MUST BE RETURNED IN ORIGINAL PACKAGE AND CONDITION.
- PICK UP OF MATERIAL, FOR CREDIT, WILL BE MADE WITH NEXT SCHEDULED DELIVERY TO THAT LOCATION. AUTHORIZATION MUST BE OBTAINED BY OUR OFFICE PRIOR TO PICKING UP.
- DEDUCTIONS FOR SHORT PAYMENT ARE NOT ALLOWED UNLESS APPROVED BY OUR CREDIT MANAGER.
- ALL RETURNS MUST BE ACCOMPANIED WITH THE ORIGINAL INVOICE NUMBER AND A COPY OF THE RETURN AUTHORIZATION
- ALL RETURNED PRODUCTS WILL BE INSPECTED PRIOR TO CREDIT GIVEN.
- A 25% RESTOCKING FEE WILL APPLY TO ALL RETURNED ITEMS
- SPECIAL ORDER AND/OR NON STOCK PRODUCTS CANNOT BE CANCELLED, CHANGED, RETURNED OR REFUNDED ONCE PROCESSED.

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DIRECT SUPPLY INC

CORE VALUES AND CORE FOCUS

WHO WE ARE & WHY WE DO WHAT WE DO!

AFFABLE

WE ARE FRIENDLY, GOOD-NATURED, EASY TO TALK TO AND TO WORK WITH.





COOPERATIVE

OUR TEAM IS COMMITTED TO WORKING TOGETHER TOWARDS A COMMON GOAL.

DEPENDABLE

WE ARE TRUSTWORTHY AND RELIABLE. WE DO WHAT WE SAY WE ARE GOING TO DO.





DRIVEN

PROPELLED BY THE PERSONAL AND PROFESSIONAL SUCCESS OF OUR TEAM AND PARTNERS.

ENTHUSIASTIC

WE ARE PASSIONATE ABOUT OUR CUSTOMERS, PRODUCTS, AND THE SERVICES WE PROVIDE. WE SHOW EAGER ENJOYMENT AND INTEREST.





FLEXIBLE

WE ARE READY AND ABLE TO ADAPT TO DIFFERENT CIRCUMSTANCES.

KNOWLEDGEABLE

WE ARE INTELLIGENT AND WELL-INFORMED. WE ARE EAGER TO SHARE OUR EXPERTISE.



certified WBENC WOMEN'S BUSINESS ENTERPRISE

SMALL BUSINESS CERTIFIED

BBB ACCREDITED BUSINESS



OUR PURPOSE

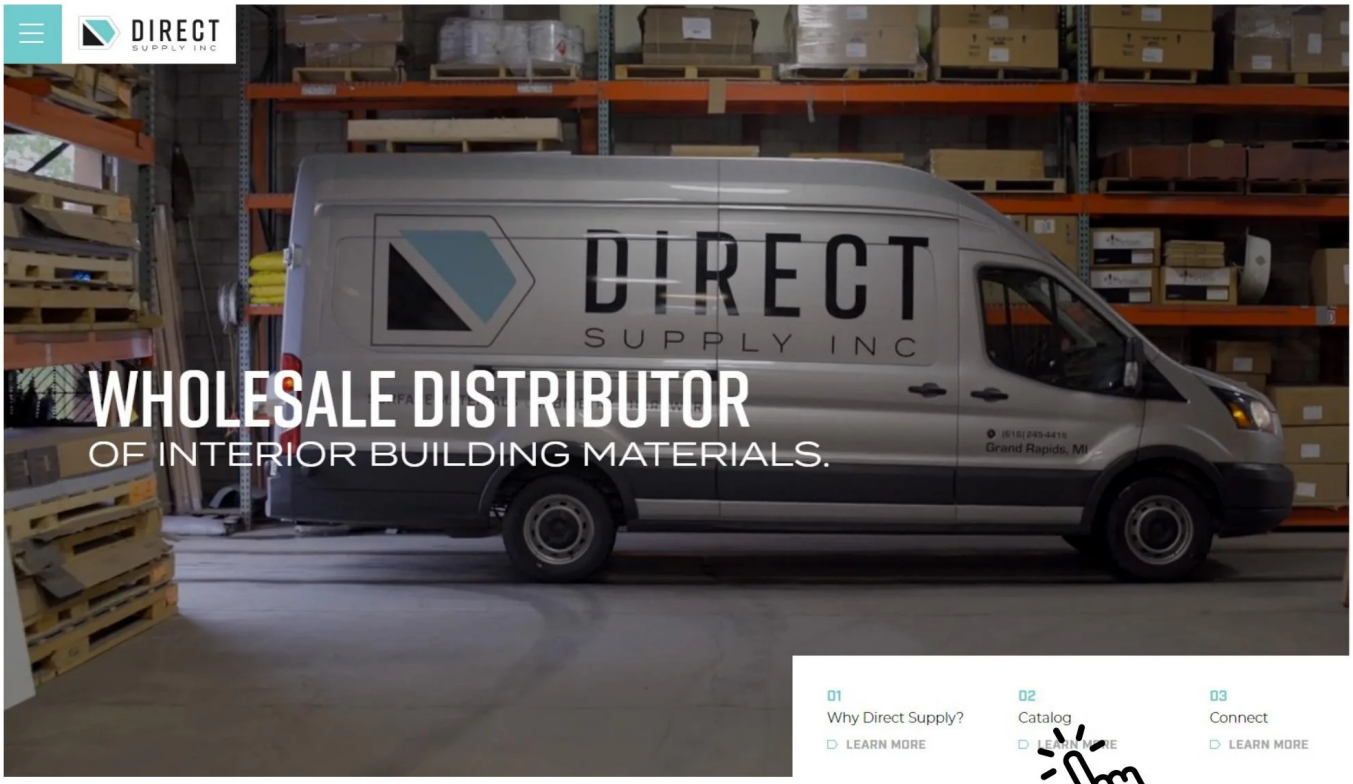
WE EXIST TO CREATE VALUABLE RELATIONSHIPS AND EXCEED EXPECTATIONS.

WE STRIVE TO PROVIDE EXCEPTIONAL VALUE FOR OUR CUSTOMERS.

EXPERIENCE THE DIRECT DIFFERENCE.

DIRECT SUPPLY INC

SURFACE MATERIALS \ CABINETRY \ HARDWARE



CLICK HERE

For pricing and additional product information check out our online catalog!

Catalog Password: #1Supplier

HTTPS://DIRECTSUPPLYINC.COM/PRODUCT-INFO-PRICING/

Mobile Friendly!



TABLE OF CONTENTS

Surface Materials.....Pg 8

Pionite.....Pg. 9
HPL.....Pg. 9
Inspria.....Pg. 17
FRL.....Pg 21
Nevamar.....Pg. 32
HPL.....Pg. 32
FRL.....Pg. 40
Panolam.....Pg. 44
FRP.....Pg. 44
Stone Essence.....Pg. 52

Formwood Veneers.....Pg. 54
Butcher Block.....Pg. 56
Rehau Edgeband & Surfaces.....Pg. 64
Hanex Solid Surface.....Pg. 126
Premium Rock.....Pg. 131
Gemstone Sinks.....Pg. 135
Kraus Sinks.....Pg. 143

Specialty Items.....Pg. 160

Fastcap.....Pg. 161
Smart Clip.....Pg. 162
Laminating Accessories.....Pg. 163
Cabinet & Countertop Accessories.....Pg. 165
Amana Router Bits & Blades.....Pg. 169
Uneeda Sanders & Sandpaper.....Pg. 171
Gem Sanders & Sandpaper.....Pg. 173
Nelson Wood Shims.....Pg. 175

Adhesives.....Pg. 176

Hybond Adhesives - Laminating.....Pg. 177
Nevamar Adesives - Laminating.....Pg. 179
StikIt Foam & Fabric Adhesive.....Pg. 180
DutchLock Seaming Adhesives.....Pg. 181
Ninja Seaming Adhesives.....Pg. 183
Silco Slicone.....Pg. 185
Eclectic Adhesives.....Pg. 186
Color Rite Caulks.....Pg. 187

Hardware.....Pg. 188
In-Stock Cabinet Hardware.....Pg. 189
Sugatsune Architectural.....Pg. 201
Esor Decorative.....Pg. 201
Aileron Life Assist.....Pg. 205
Door Straighteners.....Pg. 207
In-Stock Sugatsune Hardware.....Pg. 211
Door Systems.....Pg. 221
Folding Brackets.....Pg. 253
Fastmount.....Pg. 257
Hooks.....Pg. 272
Salice Functional Hardware.....Pg. 277
Fulterer Drawer Slides.....Pg. 288
A&M Brackets.....Pg. 292

Cabinetry.....Pg. 302
Omega National Wood Products.....Pg. 303
Xtreme Mats.....Pg. 304
Wolf Cabinetry.....Pg. 306
Classic.....Pg. 306
Builders Mark VERO.....Pg. 326
Endurance (outdoor cabinets).....Pg. 329
River Run Cabinetry.....Pg. 3741
Legacy Crafted Cabinetry.....Pg. 348

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

SURFACE MATERIALS



HPL

High Pressure Laminate

pionite®

A Panolam Surface Systems Brand.







NEW

KNOT QUITE menswear™ COLLECTION

Knot Quite Menswear™ draws inspiration from the timeless textiles created by icons of the fashion industry. This collection embodies the confidence of a well-tailored suit or dress but with the playful twist of a creative bow tie or scarf. Influences range from Coco Chanel who combined comfort and practicality with beauty and elegance, to Ralph Lauren who combined subtle fabrics with **bold graphic** statements. The collection features a timeless palette that transcends short-lived trends. Classic natural tones are accented by deep coral, khaki green, deep wine, and are grounded by warm grays. The combination of design and color makes this versatile collection appropriate for any market segment.

Knot Quite Menswear™ is a grouping of 24 new designs – including 3 woodgrains, 12 abstracts, 3 solids and 6 Inspira™ Digital patterns that can be used in a variety of market segments.

Multiple surfaces. One system.

Same design. Different substrates.
Our goal is to help bring your vision to reality without compromise. As your full surface solution provider, we are here to help navigate the many design and substrate options available to help you achieve your desired aesthetic, performance, and budgetary attributes for every project.



Pattern: Picnic in the Park

Finish Options

Pionite high pressure laminates are available in 25 different finishes designed to enhance the look and texture of any project. Please contact your local Pionite representative or visit pionite.com for finish samples, grade and sheet availability. For quicker processing of your sample request, kindly use the designated finish code as listed below.

Aged Bark (AB) Medium-grain weathered wood
Ashwood (AW) Fine woodgrain with cathedral
Barnboard (BB) Linear plank, matte woodgrain
Crystal (CR) Fine pebbled finish, medium gloss
Evolution (EV) Smooth surface enhanced by contrasting matte and gloss organic texture
Fineline (FL) Deep, fine-grained linear pattern
Gloss (GL) High gloss, smooth finish
Granite (GR) Polished stone textured finish
Groovy (GV) Eclectic abstract pattern that appears to create motion
Hex (HX) Geometric repeating pattern, low gloss
LineZ (LZ) Deeply embossed woodgrain
Medium Gloss (MG) Medium gloss, smooth finish
Metalz (MZ) is a metal look as the name implies, a high gloss metal finish
Natural Stone (NS) Matte surface accentuates the indentations offering a time-worn look
Natural Wood (NW) Real wood texture. Low gloss
Polished Velvet (PV) Smooth, textured furniture finish
Slate (SL) Deeply embossed slate finish
Soft Leather (LR) Finely grained leather finish
StoneX (SX) Natural and polished stone surface
Super Matte (SM) Smooth, non-reflective surface
Tactile Weave A modern woven fabric in look and feel, low gloss
Textured / Suede (SD) Low gloss, textured finish
Timberline (TL) Wide grained linear texture
Velvet (VE) Smooth, finely grained surface
Wood Essence (WE) Natural, linear woodgrain finish

Environmental Features

- Pionite's low emission products are GREENGUARD® certified.
- By formulating our own resins, we can assure you of an eco-conscious manufacturing process.
- Pionite laminates are easy to clean without using harsh chemicals.
- Our products are manufactured with kraft and decorative paper from recycled or renewable sources to help preserve our forests and promote a healthier environment.
- Distribution centers are strategically located across the country to reduce the use of fossil fuels when delivering Pionite products.
- Pionite HPL surfaces do not support bacterial growth making them an ideal choice for healthcare, education and food service installations.

FSC www.fsc.org FSC® C015851
The mark of responsible forestry

GREENGUARD GOLD

HPL





pionite®

A Panolam Surface Systems Brand.

For over 70 years, Pionite has developed materials that meet the aesthetic criteria of the most demanding architects and designers. Pionite HPL comes in 200+ colors and patterns with a variety of finishes and in-house custom printing capabilities. It is an ideal surface for almost any horizontal or vertical application. The Pionite family of products has been developed to withstand the friction, impact, and ever-changing conditions of life. With Pionite high pressure laminates, the possibilities are virtually endless.




AG021 SD Sable
AG180 SD Meteoric Metallo
AG371 SD Cardamom Fiber
AG471 SD Cinder Gray Concrete
AV999 SD Game Keepers Tweed
AG740 TW Knickerbocker
WH110 SD House of Chevron
AT435 TW Tailor-Made
AP280 SD Belle's Bow
AP365 SD Shetland Tweed
AP290 SD It's a Wrap
W826 SD Angel White
SW888 HX Nimbus White
SW813 SD Ice White
SG211 SD Ingot Gray
AE021 SD Graphite Spektrum
AG031 SD First N Main
AG801 SD Jumping in Puddles
AG500 LR Cake Batter
AV830 SD Viridescent Silk
AT861 SD Argyle Socks
KNOT QUITE
menswear
COLLECTION
AT505 SD Argyle Sweater
AT840 SD Comeback Camel
SW811 SD White
SW836 SD Winter White
SG254 SD Ash Gray
SG203 SD Pumice
AE100 PV Little Black Dress
AE060 SD Stargazing
AG611 SD Graveyard of the Atlantic
AG750 SD Daydreaming
AG730 SD Yorkshire Tweed
WE280 NW Windsor Elm
AR250 SD Gentleman's Tweed
WE250 NW Ascot Elm
AY135 SD Luminescent Silk
AW700 SD Beau-Tie
AY160 SD In the Trenches
SW806 AW Carnation White
SW803 SD Eggshell White
AW200 SD Bridal Blanco
SG208 SD Limestone
AB221 SD Cradle of Liberty
AB400 SD Happy Hour
AG130 SM Cookies & Cream
AV971 SD Moonlighting Papel
AG640 SD Soothing White Caps
AW300 SD Love Letters
AT440 SD Connected Cubes
AT988 SD Beachcomber
ST655 SD Almond
SY914 SD Primary Yellow
SY913 SD Forsythia
SO312 SD Bittersweet
SR505 SD Navajo Red
SR520 SD Primary Red
SP401 SD Royal Burgundy
AB300 SD Head Over Heels
MG125 SD Hugo Gray
AG601 SD Pearl of the Orient
PFA60 SD Negotiating in Geneva
AG081 SM Sugar Pie
AG415 SD Old Friend
AW871 SD Vanilla Fiber
AV751 SD Celery Fiber
AV208 SD Soothing Sea Mist
SG240 SD Moss Gray
SV750 SD Fresh Cut Grass
SV709 SD Springtime
SR537 FL First Kiss
SR525 SD Sweet 16
SP414 SD Tutti Frutti

WF181 SD
Ice Fishin'

WF131 SD
Vana

PFA42 SD
Tea Party in Boston

AG561 SD
Cubicle Papel

AT650 SD
Cavalcade South

WW185 SD
Oatmeal Cookie

WC652 WE
Coastal Cottage

WP120 SD
Leave Likatre

SV713 SD
Surfin' USA

SB027 SD
Summer Vacation

SB006 SD
Indigo Blue

SB009 SD
Royal Blue

SB040 SD
Blueberry Hill

SB007 SD
Navy Blue

SB005 SD
French Blue

WX440 SD
Black Forest Cake

WA120 SD
Afternoon Nap

WT790 SD
Wedding Cake

WT790 BB
Wedding Cake

WO680 LZ
Crackle Crunch

WP140 SD
Licorice Stick

WP110 SD
Looks Likatre

WZ460 WE
Toasted Coconut

WA110 SD
Catching Fireflies

WT860 SD
Tailgating

inspira™
DIGITAL SURFACES

Choose from our digital library, or create your own.

DG0001 SD
Honeycomb Hex Wood

WX800 SD
Lunar Legno

WC105 SD
Trytoo Savatree

WY160 TL
Absolute Acajou

WT870 SD
Sleeping In

WT870 TL
Sleeping In

WZ160 WE
Earl Grey Sorbet

AG071 SD
Macadamia Nut

AY120 SD
Gingersnap

WT850 SD
Peach Cobbler

WY131 SD
Silvio

DG0081 SD
Mini Houndstooth Khaki

DG0082 SD
Mini Houndstooth Chocolate

DG0083 SD
Mini Houndstooth Mist

DG0084 SD
Plaid Intersection Ash Gray

DG0085 SD
Plaid Intersection Parchment

WO095 SD
Ornate Oak

WC210 PV
Chocolate Malt

WP500 LZ
S'mores

WW160 SD
Pralines & Cream

WT880 SD
Cool Autumn Night

WX170 SD
Tiramisu

WC115 SD
Aimtoo Savatre

WP115 SD
Appears Likatre

WX110 SD
Smooth Paddlin

HP689 SD
Backwoods Sycamore

WC431 PV
Millwork Cherry

WX031 SD
Pearwood

WC421 SD
Oiled Cherry

HP336 SD
Sunset

WC411 SD
Yorkshire Cherry

WC230 PV
Butter Toffee

WW050 SD
Walnut Grove

WW120 WE
A Good Book

WW011 SD
Kingsley

WA090 SD
Dining by Candlelight

WX600 SD
Mocha Almond Fudge

WM791 SD
Hardrock Maple

WX041 SD
Anigre

WM951 SD
Honey Maple

WW601 SD
Cinnamon Noce

WT741 SD
Taj Teak

WO581 SD
Wisconsin Oak

WW561 SD
Spice Walnut

WC521 SD
Shaker Cherry

PFA48 SD
Sipping Seattle Java



AT161 SD Rocky Mountain High
WA001 SD Clear Ash
WM115 SD Sugar Maple II
WM221 SD Amber Curly Maple
W0951 SD Fine Oak
HP360 SD Afternoon Showers
WP125 SD Seems Likatre
WZ150 SD Peanut Brittle
WW971 SD Gunstock Savoy Walnut
WY031 SD Formal Mahogany
WC331 PV Victorian Cherry

MT330 SD City of Lights
WE261 SD White Elm
WE360 SD America's Pastime
WA030 SD Picnic in the Park
WW075 SD Zen
W0862 SD Hearth Oak
WX230 SD Opto Printatre
WP130 SD Molten Lava
HP359 PV Thunderstorm
WX421 PV Witchcraft
WY351 PV Jewel Mahogany

MG160 SL Upland Stone
AG361 SD Graphite Talc
AG011 SD Estella
MR130 SD Rose Granite
MW570 SL Polar Cap
ME100 SD Faded Memories
AW141 SD Rock of Ages
MW550 SD White Fiesta
AG381 SD Mineral Talc
AV781 SD Sage Coral
MR120 SX Louise
AT191 SD Viola
MT310 GR Frederick
MT390 SX Hazel
MR125 SX Theodore

ME011 EV Pyrenees Marble
ME051 SD Arctic Flash
MG120 SX Harold
MG115 SX Moon Dust
MG180 SD Galactic Dust
MG170 SL Hedgerow
MW575 SD Chalk Imperiale Marble
MG190 SD Rice Lake
MT500 SD Rock Around the Clock II
MG071 GR Bernard
AT181 SD Agatha
MT440 SD Cornwall
MT250 SD Man on the Moon
MG130 SX Abraham
AG041 SX Shooting Star

Please note:

- Printed patterns are shown at a reduced scale from representative segments of large sheets
- Colors may differ slightly from the actual product

- Ideal for horizontal or vertical applications in all commercial and residential environments
- Available in 25 different finishes
- Please contact Pionite or your local distributor for samples before specifying

Knot Quite Menswear™ Collection

Introducing our latest collection of HPL products.
The Pionite Knot Quite Menswear Collection is a blend of sophisticated woodgrains, classic yet dynamic abstracts, and solids.

■ Denotes NEW to wallboard for 2020



Technical Specifications

Technical information listed below applies to high pressure decorative laminates. For additional technical data, specification sheets, and three-part CSI, visit pionite.com.

STANDARD LAMINATE

Pionite Standard Laminate is designed for either horizontal, vertical, or postforming applications. Typical uses include countertops, tables, vanities, interior doors, cabinets, contract furniture, and retail store fixtures. Three standard grades of Pionite® laminate are suitable for most applications.

G48 General Purpose Grade

Nominal Thickness 0.048”/1.2 mm (NEMA HGS). Most often used in horizontal applications where high-impact resistance and a durable, decorative surface is required.

F39 Postforming Grade

Nominal Thickness 0.039”/1.0 mm (NEMA HGP). Designed for manufacturing countertops and other horizontal surfaces where the laminate may be heated and rolled over the substrate edge to eliminate seams.

F28 Postforming Grade

Nominal Thickness 0.028”/0.7 mm (NEMA VGP). Designed for surfaces where impact resistance is less critical.

SPECIALTY PRODUCTS

ThruColor™ HPL Laminate

ThruColor HPL is intended for use in applications where the edge of laminate contributes to the aesthetics of the final product. Pionite’s elegant manufacturing process provides a second generation color-through laminate that is more flexible and much less likely to chip than other color-through laminates. ThruColor HPL colors and their corresponding colors in standard Pionite are not exact matches. Sample evaluation is recommended. Ideal for high-wear horizontal and vertical applications such as high-end furniture.

ChemGuard: Chemical Resistant Laminate

Available in thicknesses up to 1” (25.4 mm). Pionite ChemGuard incorporates the decorative features of high pressure laminate into a durable, chemical resistant surfacing material. The unique manufacturing process of Pionite ChemGuard results in a product with excellent chemical resistant properties. This feature ensures that the ChemGuard surface is more chemical resistant than competitive laminate. Pionite ChemGuard’s superior chemical resistant surface cannot be softened with heat for postforming. ChemGuard is ideal for education labs, culinary testing facilities, photographic darkrooms, nurses stations, medical, dental, and veterinary work areas and mortuaries. Thicker ChemGuard laminate can be used as structural components in laboratory bench tops precluding the use of a substrate.

ThickLam™ Thick Phenolic Core Laminate

Available in thickness up to 1” (25.4 mm). Designed for applications where the decorative surface must contribute to the structural stability of the finished assembly. ThickLam offers the same chemical resistance properties as standard Pionite laminate. ThickLam thick phenolic can be manufactured with enhanced chemical resistance. Available in the following configurations: decorative both sides and decorative one side. Available with black or brown edge. Typical uses include toilet and dressing room privacy partitions, tabletops, doors, workstations, wall panels, and desktops. ThickLam laminate can be manufactured to provide Class A fire test performance

Fire Rated Laminate

Designed for applications where a decorative surface must resist combustion and inhibit smoke production. Fire rated laminate is classified by Underwriter’s Laboratory, Inc. under File R6581 in both the US and in Canada. Please refer to Pionite Fire Rated Technical Bulletin for products available as IMO certified. Typical uses include elevator cabs, hospitals, schools, airports, hotels, and other public buildings where strict fire codes apply.

Hi-Wear Laminate

Designed for applications requiring increased abrasion and scuff resistance. The product offers more than five times the wear resistance of standard grade laminate. Due to the manufacturing process, Pionite Hi-Wear laminate will vary in color from corresponding colors in standard Pionite. This effect is more pronounced in darker colors and patterns. Sample evaluation prior to order placement is recommended. Typical uses include buffet counters, salad bars, checkout counters, kickboards, bartops, and restaurant counters.

ESD (Electrostatic Dissipative Laminate)

Developed specifically for surfacing workstations where static-sensitive electronic components are manufactured and assembled. ESD is postformable. Works well in hospitals, medical facilities, and clean rooms as the surface will not attract dust or dirt particles. Due to the unique composition of this product, SDL colors and their corresponding colors in standard Pionite are not exact matches. Sample evaluation is recommended.

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SHELTON, CT 06484 | 877.726.6526
WWW.PANOLAM.COM

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SURFACE SYSTEMS

Manufacturer of Pionite® and Nevamar® Laminates

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Big. Bold. Beautiful.

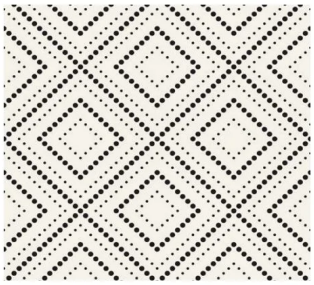
Panolam's Inspira™ Digital Surfaces have great functional and aesthetic appeal. You can choose from our library of patterns to inspire you and spark your imagination, or use your own design to create custom work. Our high-resolution process provides outstanding quality, vivid colors and extraordinary detail.

Engineered for quality, giving you the beauty you want in all your designs, Inspira is the perfect choice for creating custom durable surfaces. From table and countertops to doors, wall murals and elevator cabs, Inspira Digital Surfaces can be used for a wide variety of uses, including branding, graphics and wayfinding.

When your design must be big, bold and beautiful, we've got you covered.



Digital graphics used to create a feature wall can set the atmosphere in hospitality settings.



See the full Inspira Digital library at panolam.com.

The possibilities are as endless as your imagination!

Digital Library

Bring your vision to life with our expansive digital library of diverse, playful and sophisticated imagery for your surface solution needs. Create the look you envision with an exceptional selection of designs for any interior space that requires a unique look.

Custom Digital

Panolam's custom digital program provides you opportunity to be immensely creative. You can turn your concept into reality. From full color photos to illustrations, you can create high-resolution, high pressure laminates with your vision in mind. Panolam has the skill and technology to bring your ideas to life.

Digital Applications

- Healthcare
- Commercial
- Retail
- Hospitality
- Education
- Restaurants

Availability:

- Standard sizes up to 5'×12' and thicknesses up to 1 inch.
- Standard finishes (some restrictions based on product type).
- Available in most HPL product types, including FRL®, Fire Rated, ChemGuard, Marker Board, and ThruColor™ HPL (white core).
- Not available in Postforming.



Custom digital graphics in a healthcare environment create a more relaxed experience for the patient.

Wall murals can bring life to a hallway or assist in wayfinding.





Panolam is committed to preserving our environment and enhancing the quality of life in the communities we serve. We continue to work for greater awareness about the environment and the importance of responsible building practices among our employees, customers and suppliers. All colors and designs are available as FSC® certified products.

The mark of responsible forestry

Bringing more to the surface™

Since 2004, we have offered custom solutions to meet your exact specifications. Our in-house printing capability ensures a timely delivery and quality you can trust. One more way we're bringing more to the surface.

To learn more about Inspira Digital Surfaces, contact your Panolam representative or visit panolam.com/inspira.

nevamar

pionite

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FRL®
Wall Protection Panels

pionite®
A Panolam Surface Systems Brand.

FRL®



FRL® (Fiber Reinforced Laminate) is an innovative wall and door surfacing product from Panolam. Whether it's guarding against shopping carts in a grocery store, gurneys bursting through trauma center doors, or the exuberant play of pre-school students in their classrooms, the superior performance of Panolam's FRL panels will withstand it all while maintaining its pristine appearance.

Facilities

- Hospitals
- Schools/Universities
- Restaurants/Dining halls
- Supermarkets
- Airports
- Lab/Clean rooms
- Daycare centers
- Nursing homes/Assisted living
- Hotels/Casinos/Resorts
- Retail environments
- Spas/Health clubs

Applications

- Wainscoting/Wall cladding
- Retail areas/Checkout areas
- Headwalls in patient rooms
- Corridors
- Doors/Kickplates
- Elevator cabs
- Lobbies
- Restrooms/Toilet partitions
- Commercial kitchens
- Transit systems: bus, subway, rail
- Boat/RV interiors

FRL Panel Highlights

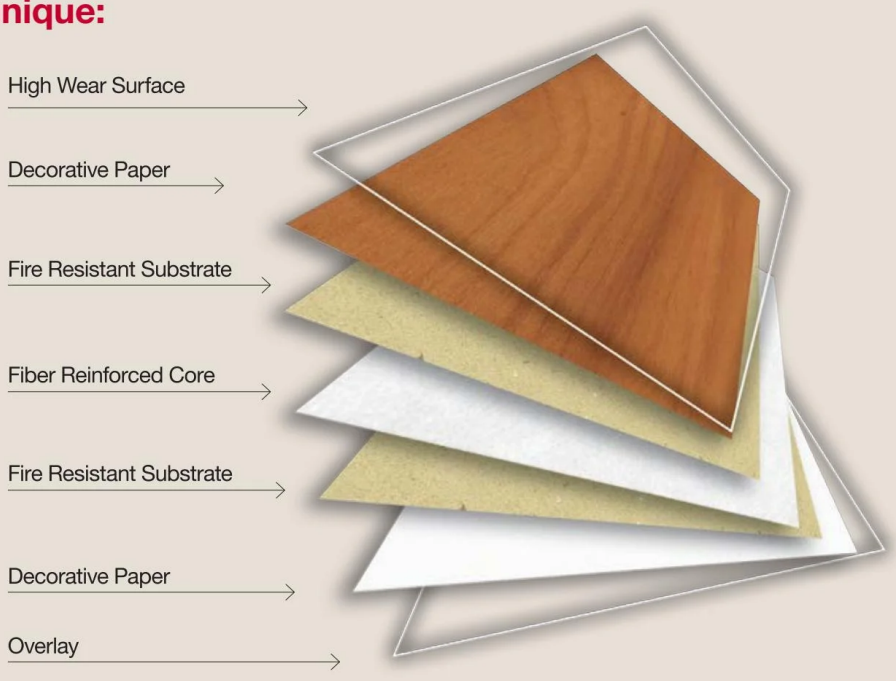
- Class A Fire Rated
- Classification based on UL approved substrate and glue being used
- High-impact strength
- Available with chemical resistant surface (meets SEFA 8)
- Exceptional cleanability without harsh chemicals
- Extraordinary wear protection
- Available in over 250+ Pionite colors and patterns
- Can be laminated to various substrates
- NSF approved for horizontal and vertical applications
- UL/ULC Certification

This product can be ordered as IMO Certified for use in marine applications. FRL surfaces have been tested in accordance with the International Maritime Organization (IMO) A.653(16) and meets Parts 2 and 5 of Annex 1 of the IMO FTP Code.

FRL can be applied directly to Armortex bullet resistant panels to provide a decorative surface with security. To learn more about Armortex and their product offerings, please visit their website at www.armortex.com/

See what makes our FRL so unique:

Engineered and manufactured to exacting standards, FRL wall protection panels provide **high-impact protection** with a wear resistance that is **23 times higher** than rigid vinyl. It is also **Class A fire rated** and substantially lower smoke and flame spread than other competitive products.



Sheet Size Availability

Available in 3', 4' & 5' widths × 8' & 10' lengths.

Other sizes are available on a project by project basis.
All carry a five (5) sheet minimum of a color and size.

Finish Options

FRL panels are available in 2 finishes designed to enhance the look and texture of any project. For quicker processing of your sample request, kindly use the designated finish code at the end of the pattern code number. Please contact your local Pionite® representative or visit pionite.com for finish samples, grade and sheet availability.

Natural Wood (NW)* Perfect for creating a real wood texture on woodgrain patterns. Low gloss. – 3.8 Nominal Gloss Units.

Suede (SD)** Low gloss, textured finish - 8.5 Nominal Gloss Units.

* Available on FRL but requires sample sign-off before order can be placed.

Environmental Features

Make Pionite FRL panels your first choice when specifying materials.

- Low VOCs and GREENGUARD® certified
- By formulating our own resins, we can assure you of an eco-conscious manufacturing process
- Manufactured with decorative paper from recycled or renewable sources to help preserve our forests and promote a healthier environment
- Distribution centers are strategically located across the country to reduce the use of fossil fuels when delivering our products
- Does not support bacterial growth (mold/mildew)

FSC
www.fsc.org
FSC® C015851
The mark of responsible forestry

GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

All colors and patterns are available as FSC® certified products.

FRL + Inspira™ Digital

Expand your creative vision with in-house custom digital graphics. Whether your design calls for a unique photo, company logo or one-of-a-kind illustration, Panolam has the skill and technology to bring your ideas to life. Ideal for wall murals, feature walls, headwalls, school logos, wayfinding and elevator cabs.





FRL®



pionite®

A Panolam Surface Systems Brand.

Pionite's FRL® decorative surface provides the durability, cleanability and Fire Class A rating needed for the most challenging installations without compromising aesthetics or safety. The quality and versatility of the FRL® panels make them the ideal wall surfacing solution in almost any environment. Available in 200+ colors and patterns.

FA037 Mud Pie	FA435 Cressida	FA196 Gold Pannin	FA385 Grandiose Grid	FA382 Beige Linen	FA970 Gridlock in L.A.	FA419 Manila Linen	FA235 Coriander Fiber	FS358 Pepperdust	FS172 Stonedust	FS920 Taupe	FS217 Greige	FA245 Mellow Marron	FS784 Slate	FS482 Nubian Brown
FA996 Charcoal Chromatix	FA518 Olive Organix	FA284 Passin Through	FA805 IL Palio Papel	FA521 Travelin Light	FA131 Soothing Pebble Beach	FA660 Wheat Fiber	FA721 Crisscross	FS831 Folkstone Gray	FS674 Mercury	FS781 Dolphin Gray	FS826 Opti Gray	FS646 Bankers Gray	FS313 Storm Gray	FS760 Black



FA668 Sable
FA140 Meteoric Metallo
FA477 Cardamom Fiber
FA529 Cinder Gray Concrete
FA438 Game Keepers Tweed
FA543 Knickerbocker
FW147 House of Chevron
FA776 Tailor-Made
FA451 Belle's Bow
FA020 Shetland Tweed
FA334 It's a Wrap
FS593 Angel White
FS686 Nimbus White
FS853 Ice White
FS812 Ingot Gray

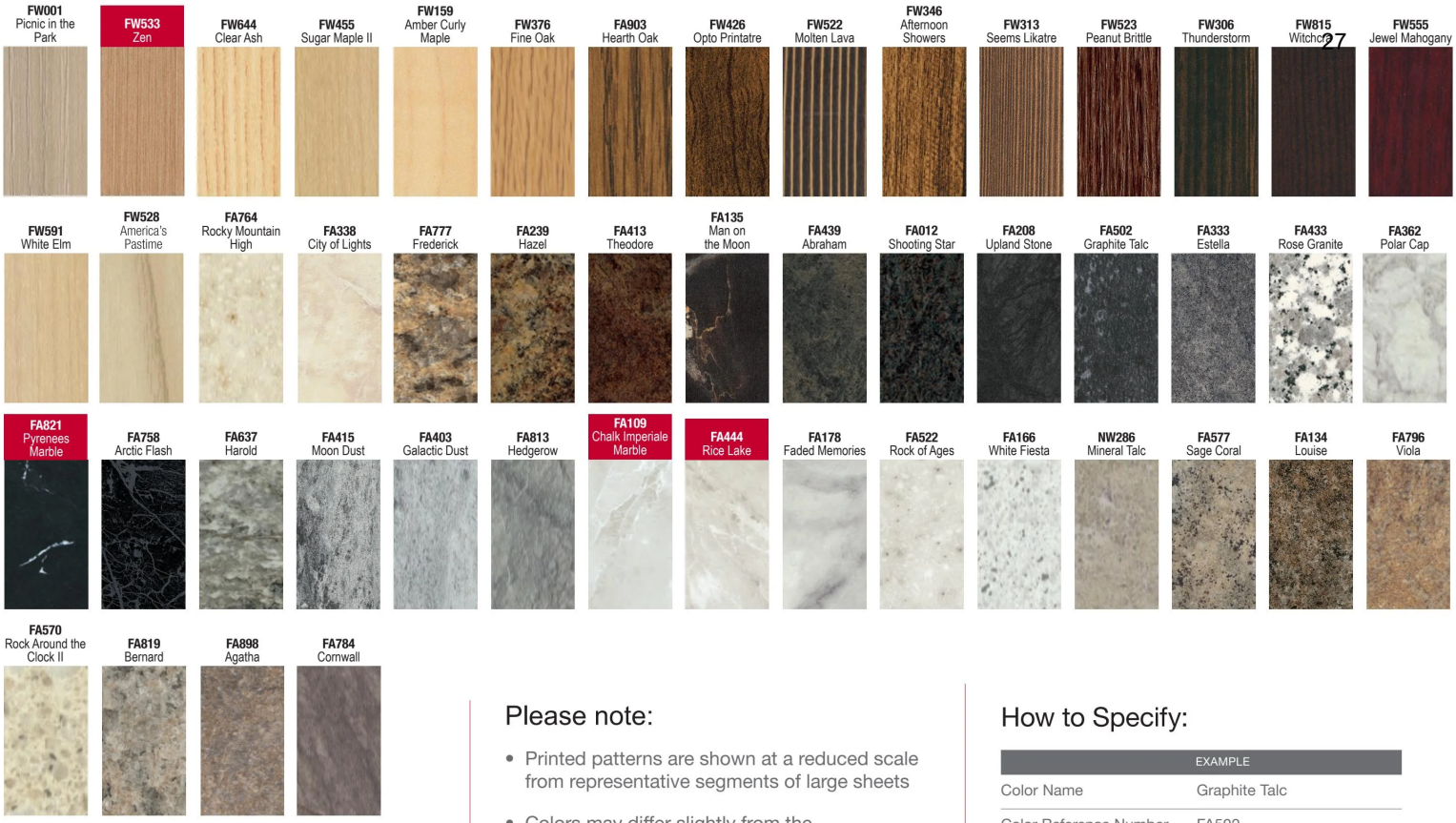
FA332 Graphite Spektrum
FA977 First N Main
FA016 Jumping in Puddles
FA043 Cake Batter
FA401 Viridescent Silk
FA611 Argyle Socks
FA450 Argyle Sweater
FA029 Comeback Camel
FS587 White
FS573 Winter White
FS680 Ash Gray
FS387 Pumice

FA855 Little Black Dress
FA578 Stargazing
FA581 Graveyard of the Atlantic
FA008 Daydreaming
FA785 Yorkshire Tweed
FW413 Windsor Elm
FA200 Gentleman's Tweed
FW353 Ascot Elm
FA767 Luminescent Silk
FA710 Beau-Tie
FA141 In the Trenches
FS672 Carnation White
FS690 Eggshell White
FA240 Bridal Blanco
FS150 Limestone

FA018 Cradle of Liberty
FA147 Happy Hour
FA056 Cookies & Cream
FA942 Moonlighting Papel
FA122 Soothing White Caps
FA121 Love Letters
FA120 Connected Cubes
FA311 Beachcomber
FS942 Almond
FS978 Primary Yellow
FS300 Forsythia
FS617 Bittersweet
FS768 Navajo Red
FS269 Primary Red
FS656 Royal Burgundy

FA389 Head Over Heels
FA643 Hugo Gray
FA845 Pearl of the Orient
FA750 Negotiating in Geneva
FA067 Sugar Pie
FA209 Old Friend
FA127 Vanilla Fiber
FA238 Celery Fiber
FA173 Soothing Sea Mist
FS178 Moss Gray
FS104 Fresh Cut Grass
FS864 Springtime
FS500 First Kiss
FS301 Sweet 16
FS355 Tutti Frutti


FW692 Black Forest Cake
FW444 Vana
FA133 Tea Party in Boston
FA207 Cubicle Papel
FA025 Cavalcade South
FW193 Oatmeal Cookie
FW333 Coastal Cottage
FW627 Leave Likatre
FS643 Surfin' USA
FS102 Summer Vacation
FS931 Indigo Blue
FS125 Royal Blue
FS305 Blueberry Hill
FS740 Navy Blue
FS966 French Blue
FA260 Ornate Oak
FW360 Lunar Legno
FW209 Afternoon Nap
FW493 Wedding Cake
FW225 Crackle Crunch
FW586 Licorice Stick
FW364 Looks Likatre
FW119 Toasted Coconut
FW168 Catching Fireflies
FW154 Tailgating
inspira™
DIGITAL SURFACES
Choose from our digital library, or create your own.
DX0001 Honeycomb Hex Wood
FW999 Walnut Grove
FW448 Butter Toffee
FW316 Trytoo Savatree
FW250 Absolute Acajou
FW108 Sleeping In
FW511 Earl Grey Sorbet
FA007 Macadamia Nut
FA159 Gingersnap
FW467 Peach Cobbler
FW350 Silvio
DX0081 Mini Houndstooth Khaki
DX0082 Mini Houndstooth Chocolate
DX0083 Mini Houndstooth Mist
DX0084 Plaid Intersection Ash Gray
DX0085 Plaid Intersection Parchment
FW696 A Good Book
FA151 Chocolate Malt
FW055 S'mores
FW176 Pralines & Cream
FW372 Cool Autumn Night
FW519 Tiramisu
FW220 Aimtoo Savatre
FW458 Appears Likatre
FW695 Smooth Paddlin
FW355 Backwoods Sycamore
FW665 Millwork Cherry
FW391 Pearwood
FW624 Oiled Cherry
FW439 Sunset
FW600 Yorkshire Cherry
FW146 Kingsley
FW104 Dining by Candlelight
FW946 Mocha Almond Fudge
FW327 Hardrock Maple
FW852 Anigre
FW500 Honey Maple
FW258 Cinnamon Noce
FW571 Taj Teak
FW939 Wisconsin Oak
FW320 Spice Walnut
FW214 Shaker Cherry
FW106 Sipping Seattle Java
FW282 Gunstock Savoy Walnut
FW344 Formal Mahogany
FW141 Victorian Cherry



Knot Quite Menswear™ Collection

Introducing our latest collection of HPL products.
The Pionite Knot Quite Menswear Collection is a blend of sophisticated woodgrains, classic yet dynamic abstracts, and solids.

Denotes New Patterns

Please note:

- Printed patterns are shown at a reduced scale from representative segments of large sheets
- Colors may differ slightly from the actual product
- Ideal for horizontal or vertical applications in all commercial and residential environments
- Available in 16 different finishes
- Please contact Pionite or your local distributor for samples before specifying

How to Specify:

	EXAMPLE
Color Name	Graphite Talc
Color Reference Number	FA502
Texture	Suede (N)
Size	3'×8' or 3'×10' 4'×8' or 4'×10' 5'×8' or 5'×10'

The Pionite Surface Systems Story

Multiple Surfaces. One System.

Our goal is to help bring your vision to reality without compromise. As your full surface solution provider, we are here to help navigate the many design and substrate options available to help you achieve your desired aesthetic, performance, and budgetary attributes for every project.

Technical Information

Technical information listed below applies to Pionite FRL® panels. PDF files of specification sheets/technical data are also available at pionite.com. Refer to technical bulletin for fabrication requirements and other updated information. For additional information, contact your sales/specification representative or your local distributor.

PHYSICAL PROPERTY	TEST	STANDARD-TYPICAL	FRL
Nominal Thickness	NEMA LD 3-2005 3.13	not applicable	.075"
Surface Burning Characteristics	ASTM E84	Class C	Class A*
Wear Resistance (cycles)	NEMA 3.13	≥ 400	3500
Flexural Strength	ASTM D790	≥ 12,000 psi	22,000 psi

*Classification based on UL approved substrate and glue being used.



Molding Profiles

Installations can be completed with easy-to-use seam treatments. Available in aluminum and several color coordinated PVC moldings. Color matched silicone caulking is also available. Moldings are sold in 10' lengths. Molding profiles are not shown at actual size.



XCF-000
Outside Corner Flat



XCR-000
Outside Corner Round
2-piece kit



XDB-000
Division Bar
2-piece kit



XIC-000
Inside Corner
2-piece kit



XSC-000
Standard End Cap



XFB-0000
One Piece
Flat Division Bar

Learn more at
pionite.com

panolam SURFACE SYSTEMS
ONE CORPORATE DRIVE, SUITE 725
SHELTON, CT 06484 | 877.726.6526
PANOLAM.COM

MIX
Paper from responsible sources
FSC® C103525
www.fsc.org

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SMPBRFRL-021-10/21

panolam SURFACE SYSTEMS

FRL® Wall Protection Panel Installation Guide

Thank you for choosing Panolam Surface System's FRL panels. Before beginning installation PLEASE READ ALL INSTRUCTIONS AND CAREFULLY INSPECT ALL MATERIALS. If defects are found or materials are questionable, it is the purchaser's and/or installer's responsibility to notify Panolam Customer Service Team at 877-726-6526. To maintain the warranty on this product, the installation instructions below must be followed unless prior approval is obtained in writing from Panolam. Deviations from these instructions shall be at the risk of the installers.

SAFETY

Safety first when cutting, drilling or machining FRL. Always wear protective glasses or goggles and a face mask covering the face and mouth. Use clothing protection or barrier creams to reduce itching from glass fibers.

INSPECTION

Inspect panels for any defects immediately. The "A" face of the panel has the FRL sticker. Do not install panels of questionable quality. Panolam Industries will not be responsible for installation or removal costs of unacceptable panels.

STORAGE CONDITIONS

Panels should be stored indoors on a dry, flat surface, off the floor.

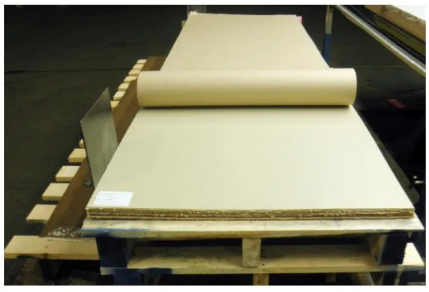
- Do not stand panels on end.
- Do not stack other materials on top of the panels.
- Do not store panels in high temperature or humidity conditions where great swings in temperature or humidity exist.

PRE-CONDITIONING

Before installing panels, remove all outer packaging (bands, plastic wrap and corner guards.) Leave the top sheet covered and allow panels to acclimate in a controlled space similar to installation site. (See picture A)



(picture A)



(picture B)

All components should be conditioned at 70° F to 75° F (21° C to 25° C) and 45 to 50 percent relative humidity for 72 hours prior to assembly.

Leave the sheet of paper between panels to help panels acclimate to the site conditions more quickly. (See picture B)

INSTALLATION CONDITIONS

Installation should not begin until the building is enclosed, permanent heating and cooling equipment are in operation, and moisture from plaster, concrete and other materials has dissipated.

WALL PREPARATION

- Wallboard should be dry, even and free from dirt, grime and dust.
- Level high spots and fill low spots prior to bonding panels.



MATERIALS

- Tape measure
- Chalk line
- Level
- Safety glasses, mask and gloves
- Circular saw, variable speed router, table saw (To cut the panels to size)
- Carbide tip blades or bits 40 tooth on 7 1/4" blade, 80 tooth or higher on 10" solid surface or high quality laminate blades work well (Use diamond tip if there is a high volume of cuts.)
- Drill
- Caulk gun
- Molding trim for panels and/or silicone.
- Adhesive Franklin #4319 advance polymer construction adhesive/or approved contact glue
- Trowel specified for the polymer adhesive. V-notched 3/16" x 1/4" deep x 11/16 c.c. as specified by Franklin
- Solvent recommended to clean adhesive from panel face
- Laminate roller

SUGGESTED TOOLS

- Suction cups for positioning the panel
- Miter box for cutting moldings
- Pin nail gun to attach molding to the wall
- Drywall screws for supporting the panel while the glue sets
- Painters tape for silicone seams



Proper trowel

- Where joint compound is used, use a quality primer to eliminate “chalkiness.” .
- Before adhering FRL panels, confirm that industry standards for wallboard installation have been followed.
- FRL panels should not be installed over cement block.

ADHESIVE

Panolam Surface Systems has approved Franklin #4319 Titebond GREENchoice™ Advanced Polymer Panel Adhesive. This trowelable mastic allows for repositioning of panels and meets Green Seal GS-36, LEED, SCAQMD, CARB and NAHB Green Building specifications.

Hexane free contact glue is also approved. Contact adhesives should be applied 100% to both surfaces. Follow all adhesive manufacturer’s use and installation instructions.

Note: If you have contact glue you are considering, forward the MSDS sheet to our Territory Area Manager for review by our technical department.

1. When applying the #4319 polymer to the back of FRL, you must take the glue to the edge of the panel.
2. Apply in a cross hatch method. Use suction cups to carry the panel to the wall to keep hands and panel face clear of adhesive and to fit panel into molding.
3. When the panel is properly fit, roll with a D-handle laminate roller working from center out to edges to ensure that air is removed and adhesion has begun.
4. Remove any adhesive (before it dries) from the panel face using mineral spirits or alcohol. Support the weight of the panel with a drywall screw or finishing nail every 16”-24” under the panel until the glue has set. Remove these prior to adhering rubber base molding.
5. When using contact glue, apply adhesive 100% to both the wall and back of the FRL. The slip sheets between the FRL can be used between the panel and wall while fitting the panel into the molding. Suction cups are helpful in this process.
6. Once panel is in place, pull slip sheet. Apply hand pressure to the panel. Then use the D-handle laminate roller starting in center of panel working to edges to force out any trapped air and begin the chemical cross linking of contact glue.



Use crosshatch method close to edge as shown in image above.



Use suction cup to fix panel.



Roll with D-handle laminate roller.

in center of panel working to edges to force out any trapped air and begin the chemical cross linking of contact glue. Remove any glue on the face of the panel.

SPACING

7. Be sure to leave a 3/16” spacing between panel edges when installing panels horizontally.
8. For vertical/horizontal installations, 8' and 10' lengths are available.
9. When installing the panels vertically, leave a 1/8” spacing between any other adjoining rigid product to allow for normal expansionand contraction. This applies when using moldings, such as division bars, caps, inside outside corners, or use of commercial grade100% silicon between the panels.

MOLDING OR DIVISION BARS

- Panolam stocks anodized aluminum in 10’ lengths for use with our panels.
- These moldings are 2-piece to allow visual inspection of joint spacing.
- Install division bar and cap by sliding into the panel allowing an1/8” proper gap. Do this before adhering panel to the wallboard.
- Prior to applying the top piece of any moldings a thin bead of silicone should be applied to the slot of the bottom molding to create a secure bond of the top molding.

Note: Flexible vinyl or rubber base molding is the only type approved to bond to the face of FRL. Low moisture glue is required to bond vinyl/ rubber cove base to panel (Franklin #4319 polymer or flexible polyurethane mastics).

The use of any rigid material for base molding is not warranted to go over a FRL panel.

INSTALLATION

10. Starting in the corner, mark a plumb line 48 3/16”. Set first panel to the plumb line. FRL panel joints should not align with the base panel joints where possible.
11. Repeat process working in one direction around the room.
12. Immediately remove any adhesive residue with a soft cloth and manufacturer-recommended cleaning agent.
13. The “A” side is identified by the factory label and should be facing the interior space.
14. When the FRL sheet has been bonded, run a thin bead of silicon in the molding groove and snap in the top cover piece.in center of panel working to edges to force out any trapped air and begin the chemical cross linking of contact glue. Remove any glue on the face of the panel.



Install division cap.

Division Bar Kit XDB-0000	Inside Corner Kit XIC-0000	Outside Corner Kit XCR-0000
One Piece Flat Division Bar XFB-0000	Outside Corner Flat XCF-0000	Standard End Cap XSC-0000

All parts available in 10ft lengths only. Available in anodized aluminum only
See website for more details **www.panolam.com**



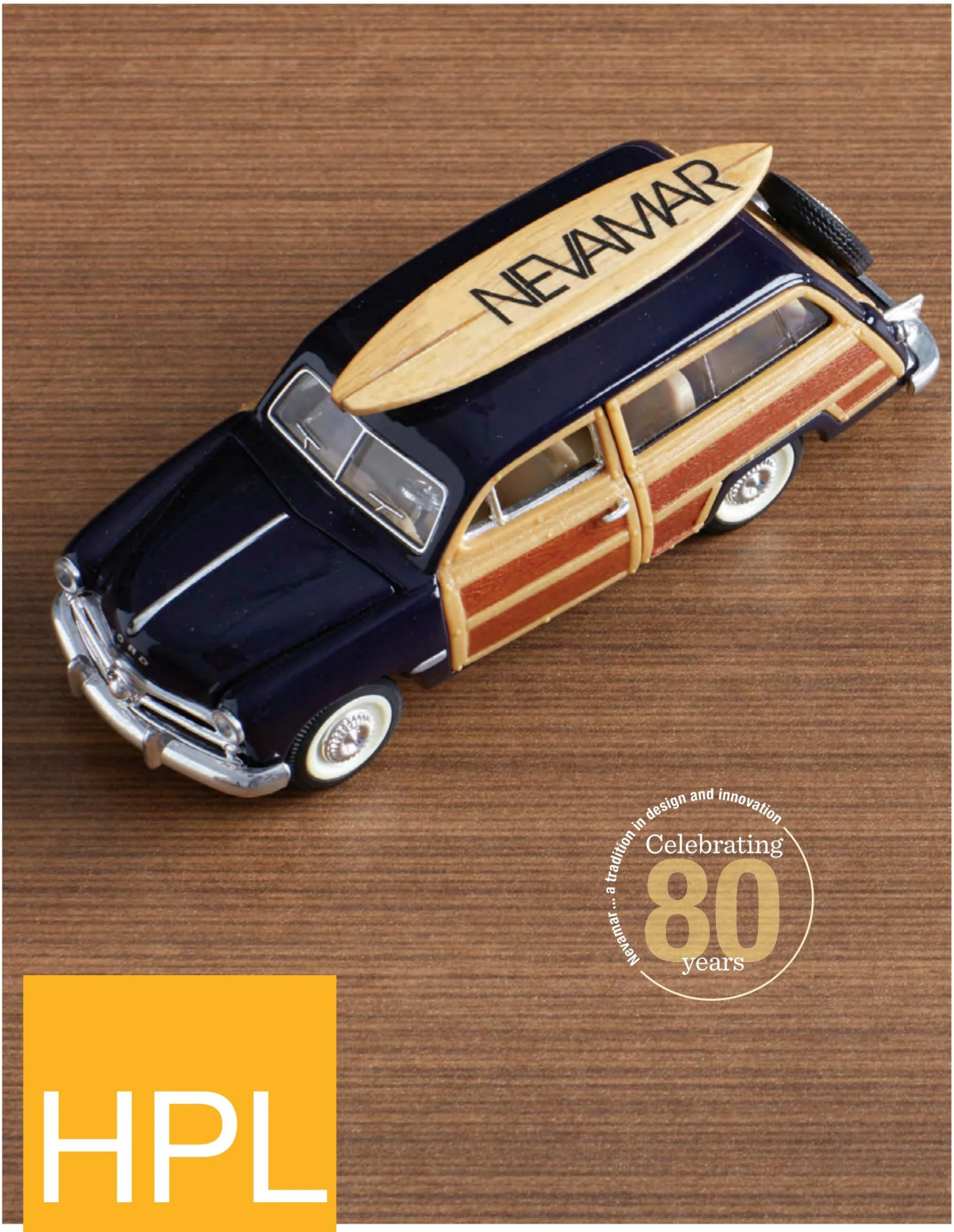
Use only flexible vinyl or rubber molding.

DOOR LAMINATION

FRL is available for door applications in both 0.075 inch thickness and 0.062 inch (sanded back for door applications only) thickness. For this application, we recommend use of hexane free contact glue using manufacturer's instructions. Apply pressure to entire panel face with laminate type roller, removing trapped air and ensure proper adhesion between surfaces.



Finished installation.



Nevamar ... a tradition in design and innovation

Celebrating 80 years

HPL

High Pressure Laminates

nevamar®

A Panolam Surface Systems Brand.

Nevamar® introduces the

Yesteryears™ COLLECTION

Nevamar® turns 80!

What's old is new again. Nevamar is proud to celebrate its 80th year in style by introducing the Yesteryears™ Collection, a mix of 20 new and retro inspired designs. These rich woodgrains, abstracts and solids are inspired by some of our favorite patterns over the past 80 years

Featuring a dynamic range of trend-setting styles, our designs are sleek and timeless allowing you design flexibility that take you back in time.




S3069 T
Soft Island Breeze


DG0072 SD
Turquoise Venus 2


AB2400 T
Aqua Mini Raffia


WW9600 T
Mid-Mod Walnut


AB4440 T
Turquoise Kinetic


AO3200 T
Tangerine Mini Raffia


DG0076 T
Carbon Black Boomerang


SV7300 T
Pear Green


DG0074 SD
Odenton Neon Lights XL


AW1800 T
White Kinetic


AY1500 T
Gold Mini Raffia


DG0071 SD
White Venus 2


AG1000 T
Gray Kinetic


SY9250 T
Marigold Fields


WM2640 T
Planetree Maple


AR2830 T
Pink Lemonade Kinetic


DG0075 SD
Lilac Boomerang


WY2000 T
Miesian


SR5100 T
Blushing Pink


DG0077 SD
Odenton Pink Lady XL

Finish Options

Nevamar high pressure laminates are available in 22 different finishes designed to enhance the look and texture of any project. Please contact your local Nevamar representative or visit Nevamar.com for finish samples, grade and sheet availability. For quicker processing of your sample request, kindly use the designated finish code as listed below.

Aged Bark (AB) Medium-grain weathered wood

Armored Protection® (ARP) (T) Low gloss, textured finish with ARP

Ashwood (AW) Fine woodgrain with cathedral

Barnboard (BB) Linear plank, matte woodgrain

Crystal (CR) Fine pebbled finish, medium gloss

Evolution (EV) Smooth surface enhanced by contrasting matte and gloss organic texture

Fineline (FL) Deep, fine-grained linear pattern

Gloss (GL) High gloss, smooth finish

Granite (GR) Polished stone textured finish

Groovy (GV) Eclectic abstract pattern that appears to create motion

LineZ (LZ) Deeply embossed woodgrain

Medium Gloss (MG) Medium gloss, smooth finish

Natural Stone (NS) Matte surface accentuates the indentations offering a time-worn look

Polished Velvet (PV) Smooth, textured furniture finish

Slate (SL) Deeply embossed slate finish

Soft Leather (LR) Finely grained leather finish

StoneX (SX) Natural and polished stone surface

Super Matte (SM) Smooth, non-reflective surface

Textured / Suede (SD) Low gloss, textured finish

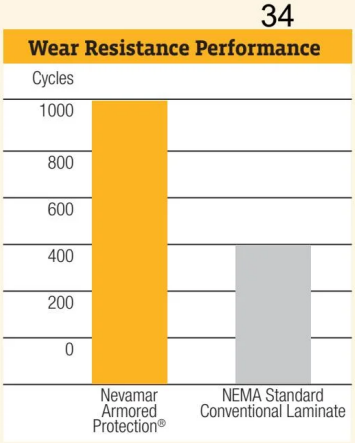
Timberline (TL) Wide grained linear texture

Velvet (VE) Smooth, finely grained surface

Wood Essence (WE) Natural, linear woodgrain finish

Armored Protection® laminates exclusively from Nevamar® provide more than 2X the wear protection of standard laminates, keeping your designs looking new longer. For unsurpassed resistance to abrasions and scuffs without sacrificing clarity of design, choose Nevamar laminates with Armored Protection (ARP) technology.

ARMORED PROTECTION®
Exclusively NEVAMAR



(Per ANSI/NEMA LD3 test method)

Environmental Features

No matter which pattern you choose, Nevamar makes your laminate green!

Nevamar's low emission products are GREENGUARD® certified.

By formulating our own resins, we can assure you of an eco-conscious manufacturing process.

Nevamar laminates are easy to clean without using harsh chemicals.

Our products are manufactured with kraft and decorative paper from recycled or renewable sources to help preserve our forests and promote a healthier environment.

Distribution centers are strategically located across the country to reduce the use of fossil fuels when delivering Nevamar products.

Nevamar HPL surfaces do not support bacterial growth making them an ideal choice for healthcare, education and food service installations.

FSC
www.fsc.org
FSC® C015851
The mark of responsible forestry

GREENGUARD
GOLD

Multiple surfaces. One system. Amazing possibilities.

Same design. Different substrates

Nevamar continues its long-standing tradition of design and technical innovation featuring a broad selection of quality products. Today, our High Pressure Laminates (HPL) are more versatile than ever, with more design-forward patterns, accent colors, and finishes than ever before. Simply look at what we offer among our specialty laminates and you will know exactly what we mean.



Thicklam®
Thick Phenolic provides unmatched strength for commercial countertops and partitions.

FRL®
Wall Protection Panels are the ideal high-impact wall and door surfacing solution for high-traffic environments.

TFL
Thermally Fused Laminate offers cost-effective design and performance.

ThruColor™ HPL
Eliminates visible lines along laminate edges on finished products.

HPL
High Pressure Laminate is a perfect surface for almost any horizontal or vertical application

nevamar

ARMORED PROTECTION
Exclusively NEVAMAR

WA0001 SD **Golden Anigre**

WZ0005 MG **Recon Oak**

WM5577 SD **Scandia Maple**

WM0005 T **Siren Maple**

WF0002 SD **Washington Apple**

WC2001 T **Caluna Cherry**

WM8342 T **Amber Pearwood**

WZ0003 T **Tawny Satinwood**

WM8350 T **Carmel Sagawood**

WA0002 SD **Tangier Anigre**

W8348 VE **Cognac Birdseye**

W8352 VE **Regency Mahogany**

W8294 T **Crown Cherry**

WZ0017 T **Galloway Burl**

WS9450 MG **Royal Mahogany**

W8343 PV **Crest Mahogany**

WM8340 T **Clear Maple**

WM8349 T **Champagne Sagawood**

WM5528 SD **Vermont Maple**

WZ0045 T **Validate We Do**

WZ0002 T **Mikado Woodprint**

WM8322 T **Honey Maple**

WM8164 T **Rustic Quartered Oak**

WM8110 T **Golden Ash**

W8371 T **Grand Isle Maple**

W8325 T **Sovereign Cherry**

WF0001 T **Edenwood**

WC5581 MG **Blossom Cherry**

W8369 T **Topaz Khayawood**

WW0013 MG **Vantage Point Walnut**

WZ2007 PV **Tendu**

WZ0028 PV **Kona Blend**

WM0046 T **Illustrious Maple**

WK0025 T **Chai**

WM8258 T **Beige Renaissance**

WZ0018 T **Natural Bamboo**

WZ2004 T **Kendo**

WO0040 T **Straightaway Oak**

WZ0001 T **Shibui Woodprint**

W8351 T **Fine Sycamore**

WZ2001 T **Santa Rosa Plum Tree**

WZ2009 T **Cutting Edge**

WW7800 T **Babbling Brook**

WW3100 T **Stout Walnut**

WU0060 T **Brave Spirit**

WW0900 VE **Endless Journey**

WK0023 PV **Marocchino**

WT0003 PV **Valencia Teak**

WH1000 WE **Glistening Trail**

WZ0052 T **Mazagran**

WX8500 VE **Roaring Wind**

WF0011 T **Macchiato**

WE2700 T **Meditation Elm**

WX0075 AB **Galao**

AW1800 T **White Kinetic**

AR2830 T **Pink Lemonade Kinetic**

AG1000 T **Gray Kinetic**

AB4440 T **Turquoise Kinetic**

SR5100 T **Blushing Pink**

WW4400 VE **Untold Journey**

WK0017 T **Venerable Old Oak**

WK0017 BB **Venerable Old Oak**
Barnboard Finish

WO1400 WE **Bohemian Edge**
Wood Essence Finish

WK0024 T **Palazzo**


WT0004 T
Legendary Teak
WT0005 T
Luminary Teak
WP3000 AB
Weathered Storm
WZ6001 T
Dry Creek Plum Tree
WK0022 T
Antoccino
WM2640 T
Planetree Maple
WW9600 T
Mid Mod Walnut
Yesteryears™
COLLECTION
WY2000 T
Miesian
WZ6004 T
Modern Edge
WH0050 PV
Rugged Trail
WZ0055 T
Carajillo
WM0047 T
Iconic Maple
WZ0053 T
Zulu
WU0010 WE
Outer Limits
WA3000 VE
Tranquility
WO7100 WE
Simplicity
WU0030 WE
Kindred Spirit
WW9000 WE
Sunbeam
WZ0054 T
Breve
SV7300 T
Pear Green
AY1500 T
Gold Mini Raffia
AQ3200 T
Tangerine Mini Raffia
AB2400 T
Aqua Mini Raffia
SY9250 T
Marigold Fields
WX1150 PV
Giant Gray Bamboo
WX4600 VE
Whispering Wind
WK0027 T
Bailey
WK0027 FL
Bailey
WD0001 T
Kentucky Kraftwood
S6052 T
String
S6023 T
Platinum Gray
S6027 T
Maritime Gray
S3023 T
Graphite Blue
S3070 T
Caribbean Blue
S3048 T
Patriot Blue
S3016 T
Regimental Blue
S6033 T
Raven
S3055 T
Violine
SP4170 T
Tyrian Purple
SR5240 T
Passionfruit
SR5240 FL
Passionfruit
Fineline Finish
S1015 T
Burgundy
S1049 T
Carmen Red
S1027 T
Liberty Red
S1027 LZ
Liberty Red
LineZ Finish
SG0004 T
Garden Mist
S6012 T
Neutral Gray
S6037 T
Studio Gray
S3069 T
Soft Island Breeze
S3068 T
Sunken Treasure
S3022 T
Deep Blue
SB0300 T
Fiji
SB0300 FL
Fiji
Fineline Finish
S5059 T
Aqua Lagoon
S5052 T
Woodvine
SV7410 T
Limeade
S5057 T
Kool Kiwi
S4022 T
Sunray
S4025 T
Honey Plantain
S8001 T
Fresh Papaya
SQ3300 T
Café Sienna
S6020 T
Gunmetal
S6054 T
Wrought Iron
S6001 T
Black
S6053 T
Jett Black
S6053 SM
Jett Black
Super Matte Finish
S6053 GV
Jett Black
Groovy Finish
S6014 T
Black Pearl
VS2002 T
Vanilla Bean
VS2003 T
Varnish
S2115 T
Cocoa Bean
S2115 GV
Cocoa Bean
Groovy Finish
S2084 T
Foundry
S2086 T
Jute
S2093 T
Sandcastle
S8002 T
Spicy Flavors
S8003 T
Summer Night Glow

S2069 T **Bethany Beige**
S6024 T **Cordial Gray**
S6003 T **Dove Gray**
S6047 T **Sandpiper**
S7004 T **Solid White**
S7040 T **Spa White**
S7027 T **Smoky White**
S7032 T **Bone White**
S7036 T **Precision White**
S7024 T **Chalk White**
MR2003 T **Neutra Matrix**

inspira™
DIGITAL SURFACES

Choose from our digital library, or create your own.

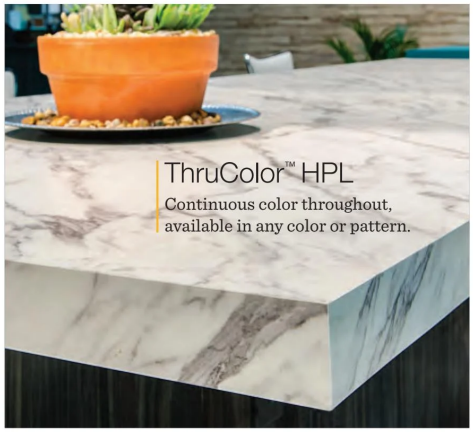
DG0078 SD **Odenton Neon Lights**

S2050 T **Porcelain**
S2019 T **Beige**
S6031 T **Fossil Gray**
S2063 T **Natural Beige**
S7038 T **Mallow White**
S7005 T **Antique White**
S2085 T **English Lace**
MR7002 T **Wild Oats Matrix**
WZ0049 T **Crema**
WZ0049 TL **Crema** — Timberline Finish
WZ2000 T **Ecru**
DG0071 SD **White Venus 2**
DG0072 SD **Turquoise Venus 2**
DG0075 SD **Lilac Boomerang**
DG0076 SD **Carbon Black Boomerang**
DG0077 SD **Odenton Pink Lady**

S2110 T **Basic**
S7025 T **Neutra**
S2037 T **Almond**
TQ2001 T **Crème Tranquility**
ES2001 T **Ivory Essence**
FZ2001 T **Lino Frieze**
MR6008 T **Birch Matrix**
ES7001 T **White Essence**
WZ0080 TL **Zebrano White** — Timberline Finish
PH7001 T **White Phantasy**
AT7700 T **Harmony Glow**
PR2002 T **Papier Au Lait**
SH2002 T **Maize Shibori**
WZ0062 T **Dragonfly**
YSN001 T **Tea Stain Spun Yarn**
AT5100 T **Blissful Path II**

TM2001 T **Ochre Tempera**
MR2006 T **Straw Matrix**
RK7002 T **Veto Proof**
TQ6001 T **Gray Tranquility**
VA7002 T **Cool Chic**
YSN002 T **Pure Spun Yarn**
VS5002 T **Vous Serene**
PQ7001 T **Paris White Potterware**
VA2002 T **Vision Vava**
MR2002 T **Greige Matrix**
PDG002 T **Painted Woodlands**
MH4001 T **Manhattan Glitz**
KH2001 T **Marrakesh Express**
AL5001 T **Herbal Allusion**
AT7500 SD **Penny Lane**
AY1300 SD **Golden Years**

RK6003 T **Verdicts In**
VA2001 T **Visable Vava**
VS2001 T **Vous Fawn**
WZ5001 T **Extreme Green Bamboo**
AV2100 T **Urban Garden**
AV4000 T **Harmony Mint**
VA5001 T **Serene Stardom**
WZ0057 T **Calypso**
WZ0056 T **Eiskaffe**
MR7001 T **Studio White Matrix**
MR6005 T **Winter Gray Matrix**
LN6001 T **Frappe**
HLT004 T **Silverline Hautelink**
AG8000 SD **Silver Dollar**
AG8000 LZ **Silver Dollar** — LineZ Finish
AG6300 SD **Silver Wings**



ThruColor™ HPL

Continuous color throughout, available in any color or pattern.

HLB001 T **Blue Shimmer Hautelink**
HLT001 T **Basic Black Hautelink**
MR6002 T **Charcoal Matrix**
FS6001 T **Rush**
VS6001 T **Vous Metal**
AE0500 SD **Stepping Stone**
WZ0063 T **Yunnan**
LN6002 T **Kopi Susu**
AG1900 T **Urban Life**
MXT003 T **Silver Alu MetalX**
MH6001 T **Manhattan Glamour**

WZ3001 T **Xanadu Blue Bamboo**
MXT002 T **Stainless MetalX**
ALT005 T **Wall Street Allusion**
MR6007 T **Phantom Gray Matrix**
VA6001 T **Calm Distinction**
MR6004 T **Storm Gray Matrix**
MR3003 T **French Blue Matrix**
AM6001 T **Aluminite**
MR6006 T **Cinder Gray Matrix**
MR6001 T **Gray Matrix**
VU6001 T **Adaptable Muse**

ALN002 T **Decadent Allusion**
AL2004 T **Café Allusion**
ES2003 T **Sienna Essence**
ALR003 T **Red Hot Allusion**
WZ1001 T **Red Dragon Bamboo**
FN1002 T **Copper Fusion 2**
MH8001 T **Manhattan Gleam**
AL2002 T **Golden Allusion**
TM2002 T **Umber Tempera**
VS6002 T **Vous Tempest**
EM6001 T **Aged Elements**
FN6001 T **Charcoal Fusion**
VE6001 T **Veta Shadows**
ES6002 T **Charcoal Essence**
LD6001 T **Black Lodestone**
VA5002 T **Easy Elegance**

RK2002 T **Rollin' Rock**
GR2004 T **Woodstock Granite**
GR4001 T **Madura Gold Granite**
CK2002 T **Casa Piedra**
RK2001 T **Classic Rock**
RK4001 T **House Rock**
MW5800 T **Calcutta Marble**
FS2001 T **Canyon Fissure**
SL6002 T **Hybrid Slate**
SL6003 T **Rare Earth Slate**
LU6001 T **Lunaria Shadow**
LU3001 T **Blue Lunaria**
MR3008 T **Navy Matrix II**
ALB001 T **Tropical Allusion**
AL5002 T **Botanical Allusion**
MR5007 T **Green Matrix II**

Please note:

- Printed patterns are shown at a reduced scale from representative segments of large sheets
- Colors may differ slightly from the actual product
- Available for horizontal and vertical applications
- Ideal for retail, healthcare, education and other commercial applications
- Available in all Nevamar finishes
- Please contact Nevamar or your local distributor for samples before specifying

■ Denotes New to Wallboard Items



How to Specify:

	EXAMPLE
Color Name	**Galao**
Color Reference Number	**WX0075**
Finish	**Aged Bark (AB)**
Size	**3'×8' or 3'×10' 4'×8' or 4'×10' 5'×8' or 5'×10'**

Learn more at
nevamar.com

Technical Specifications

Technical information listed below applies to high pressure decorative laminates. For additional technical data, specification sheets, and three-part CSI, visit nevamar.com.

STANDARD LAMINATE

Nevamar Standard Laminate is designed for either horizontal, vertical, or postforming applications. Typical uses include countertops, tables, vanities, interior doors, cabinets, contract furniture, and retail store fixtures. Three standard grades of Nevamar laminate are suitable for most applications.

G48 General Purpose Grade
Nominal Thickness 0.048"/1.2 mm (NEMA HGS). Most often used in horizontal applications where high-impact resistance and a durable, decorative surface is required.

F39 Postforming Grade
Nominal Thickness 0.039"/1.0 mm (NEMA HGP). Designed for manufacturing countertops and other horizontal surfaces where the laminate may be heated and rolled over the substrate edge to eliminate seams.

F28 Postforming Grade
Nominal Thickness 0.028"/0.7 mm (NEMA VGP). Designed for surfaces where impact resistance is less critical.

SPECIALTY PRODUCTS

ThruColor™ HPL Laminate
ThruColor HPL is intended for use in applications where the edge of laminate contributes to the aesthetics of the final product. Nevamar's proprietary manufacturing process provides a second generation color-through laminate that is more flexible and much less likely to chip than other color-through laminates. ThruColor HPL colors and their corresponding colors in standard Nevamar are not exact matches. Sample evaluation is recommended. Ideal for high-wear horizontal and vertical applications such as high-end furniture.

ChemGuard Chemical Resistant Laminate
Available in thicknesses up to 1" (25.4 mm). Nevamar ChemGuard incorporates the decorative features of high pressure laminate into a durable, chemical resistant surfacing material. The unique manufacturing process of Nevamar ChemGuard results in a product with excellent chemical resistant properties. This feature ensures that the ChemGuard surface is more chemical resistant than competitive laminate. Nevamar ChemGuard's superior chemical resistant surface cannot be softened with heat for postforming. ChemGuard is ideal for education labs, culinary testing facilities, photographic darkrooms, nurses stations, medical, dental, and veterinary work areas and mortuaries. Thicker ChemGuard laminate can be used as structural components in laboratory bench tops precluding the use of a substrate.

ThickLam® Thick Phenolic Core Laminate
Available in thickness up to 1" (25.4 mm). Designed for applications where the decorative surface must contribute to the structural stability of the finished assembly. ThickLam offers the same chemical resistance properties as standard Nevamar laminate. ThickLam thick phenolic can be manufactured with enhanced chemical resistance and is available with Class A Fire rating if requested. Available in the following configurations: decorative both sides and decorative one side. Available with black or brown edge. Typical uses include toilet and dressing room privacy partitions, tabletops, doors, workstations, wall panels, and desktops.

Fire Rated Laminate
Designed for applications where a decorative surface must resist combustion and inhibit smoke production. Fire rated laminate is classified by Underwriter's Laboratory, Inc. under File R6581 in both the US and in Canada. Please refer to Nevamar Fire Rated Technical Bulletin for products available as IMO certified. Typical uses include elevator cabs, hospitals, schools, airports, hotels, and other public buildings where strict fire codes apply.

Hi-Wear Laminate
Designed for applications requiring increased abrasion and scuff resistance, the product offers more than five times the wear resistance of standard grade laminate. Due to the manufacturing process, Nevamar Hi-Wear laminate will vary in color from corresponding colors in standard Nevamar. This effect is more pronounced in darker colors and patterns. Sample evaluation prior to order placement is recommended. Typical uses include buffet counters, salad bars, checkout counters, kickboards, bartops, and restaurant counters.

ESD (Electrostatic Dissipative Laminate)
Developed specifically for surfacing workstations where static-sensitive electronic components are manufactured and assembled. ESD is post-formable. Works well in hospitals, medical facilities, and clean rooms as the surface will not attract dust or dirt particles. Due to the unique composition of this product, SDL colors and their corresponding colors in standard Nevamar are not exact matches. Sample evaluation is recommended.

panolam SURFACE SYSTEMS
1 Corporate Drive, Suite 725, Shelton, CT 06484
877.726.6526 panolam.com

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FRL®

Fiber Reinforced Laminates

Wall Protection Panels

nevamar

A Panolam Surface Systems Brand

The Nevamar® Surface Systems story

How it all works together:

Multiple Surfaces. One System.

Our goal is to help bring your vision to reality without compromise. As your full surface solution provider, we are here to help navigate the many design and substrate options available to help you achieve your desired aesthetic, performance, and budgetary attributes for every project.

Learn more at
nevamar.com

Technical Information

Technical information listed below applies to Nevamar FRL panels. PDF files of specification sheets/technical data are also available at nevamar.com. Refer to technical bulletin for fabrication requirements and other updated information. For additional information, contact your sales/specification representative or your local distributor.

PHYSICAL PROPERTY	TEST	STANDARD-TYPICAL	FRL
Nominal Thickness	NEMA LD 3-2005 3.13	not applicable	.075*
Surface Burning Characteristics	ASTM E84	Class C	Class A*
Wear Resistance (cycles)	NEMA 3.13	≥ 400	3500
Flexural Strength	ASTM D790	≥ 12,000 psi	22,000 psi

*Classification based on UL approved substrate and glue being used.

Molding Profiles

Installations can be completed with easy-to-use seam treatments. Available in aluminum and several color coordinated PVC moldings. Color matched silicone caulking is also available. Moldings are sold in 10' lengths. Molding profiles are not shown at actual size.



XCF-000
Outside Corner Flat



XCR-000
Outside Corner Round
2-piece kit



XDB-000
Division Bar
2-piece kit



XIC-000
Inside Corner
2-piece kit



XSC-000
Standard End Cap



XFB-0000
One Piece Flat Division Bar

For additional information on FRL Wall Protection Panels, please contact your Nevamar sales representative or local distributor.

panolam SURFACE SYSTEMS
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SHELTON, CT 06484 | 877.726.6526
PANOLAM.COM

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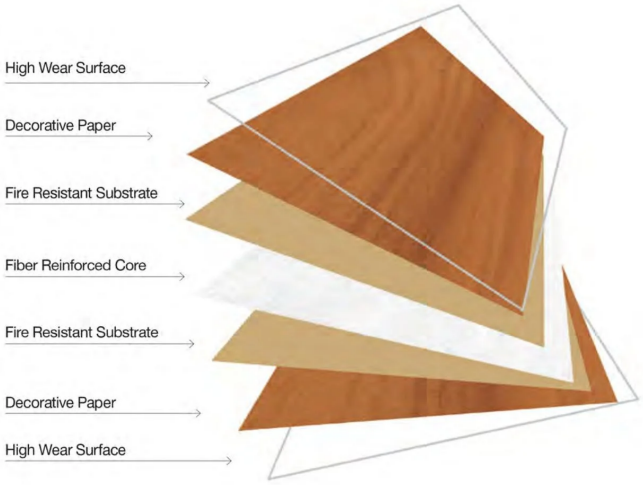
FRL®



FRL® panels are an innovative wall and door surfacing product from Panolam.

Engineered and manufactured to exacting standards, FRL decorative surfaces provide high-impact protection with a wear resistance that is 23 times higher than rigid vinyl. It is also Class A Fire Rated and substantially lower smoke and flame spread than other competitive products.

See what makes our FRL Wall Protection Panels so unique:



Whether it's guarding against shopping carts in a grocery store, gurneys bursting through trauma center doors, or the exuberant play of pre-school students in their classrooms, the superior performance of Panolam's FRL panels will withstand it all while maintaining its pristine appearance.

This product is also available as IMO Certified for use in Marine applications.

FACILITIES

- Hospitals
- Schools/Universities
- Restaurants/Dining halls
- Supermarkets
- Airports
- Lab/Clean rooms
- Daycare centers
- Nursing homes/Assisted living
- Hotels/Casinos/Resorts
- Retail environments
- Spas/Health clubs

APPLICATIONS

- Wainscoting/Wall cladding
- Retail areas/Checkout areas
- Headwalls in patient rooms
- Corridors
- Doors/Kickplates
- Elevator cabs
- Lobbies
- Restrooms/Toilet partitions
- Commercial kitchens
- Transit systems: bus, subway, rail
- Boat/RV interiors

FRL Panel Highlights

- Class A Fire Rated
- Classification based on UL approved substrate and glue being used
- High-impact strength
- Chemical resistant surface (SEFA 8 compliant)
- Exceptional cleanability without harsh chemicals
- Extraordinary wear protection
- Available in over 250+ Nevamar colors and patterns
- Can be laminated to various substrates
- NSF approved for horizontal and vertical applications
- UL/ULC Certification
- Can be ordered as IMO Certified. FRL surfaces have been tested in accordance with the International Maritime Organization (IMO) A.653(16) And meets Parts 2 and 5 of Annex 1 of the IMO FTP Code.

Finish Options

FRL panels are available in six different finishes designed to enhance the look and texture of any project. For quicker processing of your sample request, kindly use the designated finish code at the end of the pattern code number. Please contact your local Nevamar® representative or visit nevamar.com for finish samples, grade and sheet availability.

Ashwood (AW)* is a fine wood finish with a cathedral grain.

Crystal (CR)* is a fine pebble grained finish with a medium gloss.

LineZ (LZ)* is a deeply embossed, linear woodgrain finish.

Soft Leather (LR)* is a finely grained leather finish.

Suede (SD) is a low gloss, textured finish.

Wood Essence (WE)* is a natural-appearing, linear woodgrain finish.

*An additional charge applies

Sheet Size Availability

Suede (SD), Crystal (CR), Soft Leather (LR), Ashwood (AW) and Wood Essence (WE) are available in 3', 4' & 5' widths × 8' & 10' lengths.

Line Z (OZ) is available standard in 4' × 8'.
Other sizes are available on a project by project basis.

All carry a five (5) sheet minimum of a color and size.

Environmental Features

Make Nevamar FRL panels your first choice when specifying materials.

- Low VOCs and GREENGUARD® certified
- By formulating our own resins, we can assure you of an eco-conscious manufacturing process
- Manufactured with decorative paper from recycled or renewable sources to help preserve our forests and promote a healthier environment
- Distribution centers are strategically located across the country to reduce the use of fossil fuels when delivering our products
- Does not support bacterial growth (mold/mildew)

FSC www.fsc.org FSC® C015851
The mark of responsible forestry

GREENGUARD GOLD



Inspira™ Digital Graphics

Panolam can expand your creative vision with in-house custom digital graphics. Whether your design calls for a unique photo, company logo or one-of-a-kind illustration, Panolam has the skill and technology to bring your ideas to life. Ideal for wall murals, feature walls, headwalls, school logos, wayfinding and elevator cabs.

nevamar

A Panolam Surface Systems Brand.

Nevamar's® FRL wall protection panels provide the durability, cleanability and Class A Fire Rating needed for the most challenging installations without compromising aesthetics or safety. The quality and versatility of the FRL panels make them the ideal wall surfacing solution in almost any environment. Available in 250+ colors and patterns.



NS806 **Wrought Iron**
NS791 **Black**
NS878 **Jett Black**
NS907 **Black Pearl**
NA717 **Vanilla Bean**
NA827 **Varnish**
NS126 **Cocoa Bean**
NS201 **Foundry**
NS681 **Bethany Beige**
NS855 **Cordial Gray**
DX0071 **White Venus 2**
DX0071 **Turquoise Venus 2**
DX0075 **Lilac Boomerang**
DX0076 **Carbon Black Boomerang**
DX0077 **Odenton Pink Lady**
DX0078 **Odenton Neon Lights**

NS133 **Dove Gray**
NS472 **Sandpiper**
NS415 **Solid White**
NS777 **Spa White**
NS748 **Smoky White**
NS237 **Bone White**
NS184 **Precision White**
NS701 **Chalk White**
NA335 **Neutra Matrix**
NS270 **Porcelain**
NS455 **Beige**
NA133 **Ivory Essence**
NA374 **Lino Frieze**
NA505 **Birch Matrix**
NA543 **White Essence**
NA169 **Blissful Path II**

NS952 **Fossil Gray**
NS705 **Natural Beige**
NS669 **Mallow White**
NS136 **Antique White**
NS381 **English Lace**
NA824 **Wild Oats Matrix**
NW307 **Crema**
NA482 **Ecru**
NS531 **Basic**
NS872 **Neutra**
NS538 **Almond**
NA407 **Crème Tranquility**
NA616 **Maize Shibori**
NW713 **Dragonfly**
NA401 **Tea Stain Spun Yarn**
NA181 **Golden Years**

NA537 **Ochre Tempera**
NA658 **Straw Matrix**
NA437 **Veto Proof**
NA217 **Gray Tranquility**
NA104 **Cool Chic**
NA644 **Pure Spun Yarn**
NA884 **Vous Serene**
NA666 **Paris White Potterware**
NW162 **Zebrano White**
NA187 **White Phantasy**
NA147 **Harmony Glow**
NA102 **Papier Au Lait**
NA372 **Marrakesh Express**
NA797 **Herbal Allusion**
NA190 **Penny Lane**
NA664 **Manhattan Glitz**

NW777 **Xanadu Blue Bamboo**
NA545 **Blue Shimmer Hautelink**
NA406 **Basic Black Hautelink**
NA111 **Charcoal Matrix**
NA422 **Verdicts In**
NA131 **Visable Vava**
NA464 **Vous Fawn**
NW358 **Extreme Green Bamboo**
NA163 **Urban Garden**
NA218 **Harmony Mint**
NA129 **Serene Stardom**
NW288 **Calypso**
NA144 **Vision Vava**
NA493 **Greige Matrix**
NA386 **Painted Woodlands**
NA135 **Charcoal Fusion**

NA143 **Veta Shadows**
NA925 **Charcoal Essence**
NA429 **Black Lodestone**
NA481 **Rush**
NA575 **Vous Metal**
NA103 **Stepping Stone**
NW246 **Yunnan**
NW139 **Eiskaffe**
NA985 **Studio White Matrix**
NA655 **Winter Gray Matrix**
NA517 **Frappe**
NA681 **Silverline Hautelink**
NA106 **Silver Dollar**
NA192 **Silver Wings**
NA839 **Manhattan Glamour**
NA303 **French Blue Matrix**

NA184 **Aluminite**
NA180 **Cinder Gray Matrix**
NA270 **Gray Matrix**
NA496 **Kopi Susu**
NA136 **Urban Life**
NA253 **Silver Alu MetalX**
NA965 **Stainless MetalX**
NA662 **Wall Street Allusion**
NA618 **Phantom Gray Matrix**
NA154 **Calm Distinction**
NA142 **Storm Gray Matrix**
NA141 **Easy Elegance**
NA378 **Rollin' Rock**
NA232 **Woodstock Granite**
NA306 **Madura Gold Granite**
NA941 **Adaptable Muse**

NA119 **Decadent Allusion**
NA215 **Café Allusion**
NA432 **Sienna Essence**
NA844 **Red Hot Allusion**
NW439 **Red Dragon Bamboo**
NA937 **Copper Fusion 2**
NA162 **Manhattan Gleam**
NA294 **Golden Allusion**
NA165 **Umber Tempera**
NA879 **Vous Tempest**
NA305 **Aged Elements**
NA247 **Navy Matrix II**
NA293 **Tropical Allusion**
NA665 **Botanical Allusion**
NA929 **Green Matrix II**
NA971 **Blue Lunaria**

NA862 **Casa Piedra**
NA555 **Classic Rock**
NA249 **House Rock**
NA726 **Calcutta Marble**
NA956 **Canyon Fissure**
NA438 **Hybrid Slate**
NA433 **Rare Earth Slate**
NA641 **Lunaria Shadow**

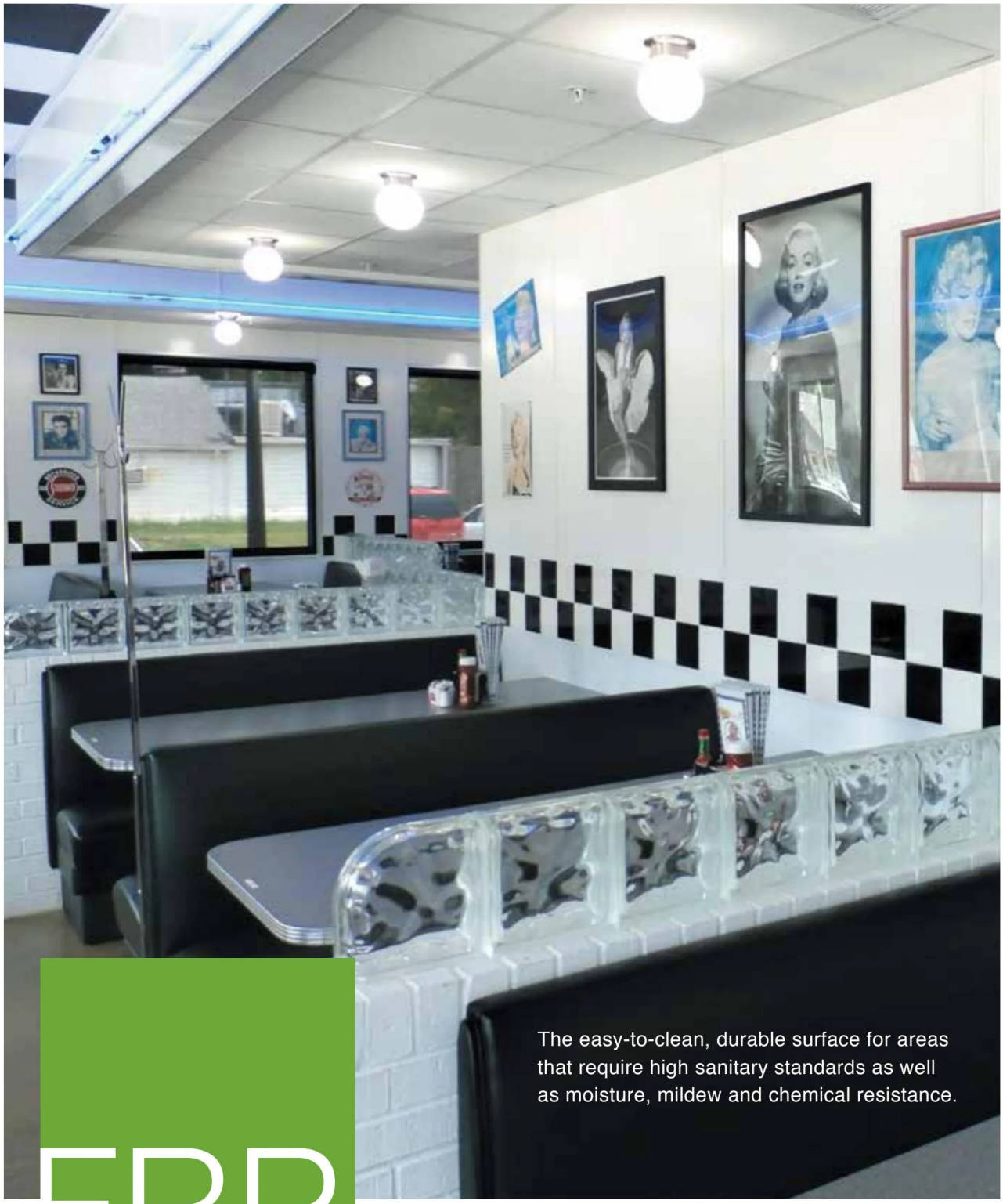
How to Specify:

EXAMPLE	
Color Name	Charcoal Matrix
Color Reference Number	NA111
Texture	Suede (N)
Size	3'×8' or 3'×10' 4'×8' or 4'×10' 5'×8' or 5'×10'

Please note:

- Printed patterns are shown at a reduced scale from representative segments of large sheets
- Colors may differ slightly from the actual product
- Ideal for vertical applications in all commercial environments
- Available in 6 different finishes
- Please contact Nevamar or your local distributor for samples before specifying
- Minimum quantities are required for special orders.
- Cross grain available in all patterns and woodgrains
- For additional information on FRL Wall Protection Panels, please contact your Nevamar sales representative or local distributor.

Denotes new to wallboard items



The easy-to-clean, durable surface for areas that require high sanitary standards as well as moisture, mildew and chemical resistance.

FRP

Fiberglass Reinforced Plastic

panolam®

FRP



Fiberglass Reinforced Plastic

FRP wall and ceiling panels from Panolam Surface Systems for those high traffic installations requiring durability and high sanitary standards as well as moisture, mildew and chemical resistance. These are the hardworking, easy-to-clean surfaces you need for utility and service areas.

Available in a range of colors, Panolam FRP easily fits with any interior style. Because they are engineered to last, they keep their appearance longer than other surfaces. In most cases, traditional materials such as ceramic tile, stainless steel, painted drywall or concrete simply can't provide the combination of durability, ease of maintenance and cost-effectiveness offered by FRP.

Panolam FRP is a product that resists extreme changes in temperature and humidity. Manufactured in standard building product sizes, it can be installed on most common substrates and finished with readily available seam and trim materials.

Seam Treatments and Moldings


Divider


Outside corner


Inside corner

End cap


Fastening rivet

The Classic Collection

White

Bright White


Almond


Silver


Ivory


Beige


Gray


Black

The Pioneer Collection


Taupe


Sky


Sage

Take a closer look at Panolam FRP laminates. Panolam, the company that engineered FRL® Laminates (Fiber Reinforced Laminate) panels, brings you FRP (Fiberglass Reinforced Plastic) for your most challenging commercial installations. A selection of colors is offered in two distinctive palettes. The Classic Collection gives you a range of traditional white, black and neutral shades that coordinate with design concepts and ideas in our Pioneer Collection. You'll find a trio of rich colors that set Panolam FRP apart from similar products.

For more information on how FRP can work for you, contact your local distributor or call us at **866-925-4FRP**

The Classic Collection

White

Bright White



White Smooth

Silver



Black



Almond

Beige



Gray



Ivory



The Pioneer Collection

Taupe



Sky



Sage



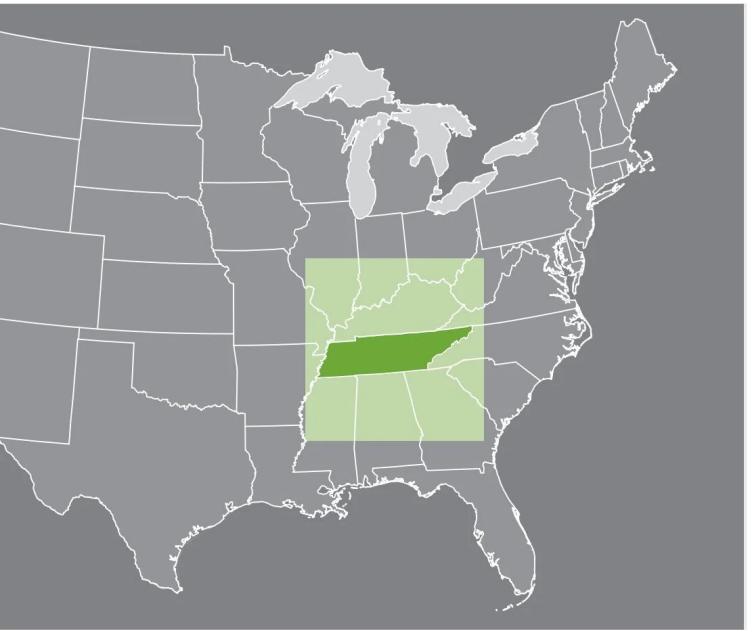
Custom colors can be produced.

Contact your local rep for minimums.

FRP is manufactured and tested to perform in tough environments such as:

- Commercial Kitchens
- Public Restrooms
- Hospitals
- Schools
- Correctional Facilities
- Restaurants
- Car Washes
- Meat and Dairy Facilities
- Coolers and Freezers
- Supermarkets
- Clean Rooms and Labs





Made with Pride

Panolam has been known for the quality of our product design, engineering and manufacturing for more than 70 years. This reputation is built on the company's extensive product line of surfacing solutions for virtually any location and situation.

From the beginning, Panolam has taken pride in the skill and craftsmanship of the workers in our U.S.-based manufacturing facilities. The production of FRP at Panolam's factory in the heartland of Tennessee continues this tradition of American-made quality.

Take a closer look at FRP and you'll understand why we believe it's the product you can rely on for many years to come.

Sheet Size Availability

Standard: 4′ width × 8, 9, 10, & 12′ lengths

Ceilings: 2′ × 2′ or 2′ × 4′

Cut: 23.75″ × 23.75″ or 23.75″ × 47.75″

Other sizes available upon request.

GREENGUARD GOLD

Technical Information

Class A Fire Rating	.090" thickness embossed	
Physical Property	**Typical Value**	**Test Method**
Flexural strength, psi	14,000	ASTM D790
Flexural modulus, psi × 10^6	0.52	ASTM D790
Tensile strength, psi	4,300	ASTM D638
Tensile modulus, psi × 10^6	0.42	ASTM D638
Barcol hardness	39	ASTM D2538
Coefficient of thermal expansion, in/in – F × 10^{-5}	3.2	ASTM D696
Water absorption, %	0.2	ASTM D570
Surface burning	Class A	ASTM E-84

Class C Fire Rating	.090" thickness embossed	
Physical Property	**Typical Value**	**Test Method**
Flexural strength, psi	14,000	ASTM D790
Flexural modulus, psi × 10^6	0.69	ASTM D790
Tensile strength, psi	10,000	ASTM D638
Tensile modulus, psi × 10^6	1.08	ASTM D638
Barcol hardness	53	ASTM D2538
Coefficient of thermal expansion (x10^5 in/in/°F)	3.51	ASTM D696
Water absorption, %	0.2	ASTM D570
Surface burning	Class C	ASTM E-84

panolam SURFACE SYSTEMS Your vision. Our mission.

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panolam FRP
FIBERGLASS REINFORCED PLASTICS

Fiber Reinforced Plastic (FRP) Installation Guide

FRP Installation Guide

Safety First

When cutting or drilling, always wear protective glasses or goggles and a face mask which covers the face and mouth. Itching due to glass fibers may be avoided by the use of barrier creams on exposed skin.

Storage Conditions

Panels should be stored indoors on a solid, dry, flat surface. Do not stand panels on end. Do not stack other materials on top of the FRP panels. Do not store panels in high tem-perature or humidity conditions, or an environment where great swings in temperature or humidity exist. Do not store directly on concrete floors.

Inspection

Inspect panels for any defects immediately. Do not install panels that are of questionable quality. Panolam Industries will not be responsible for installation or removal costs of unacceptable panels.

Pre-Conditioning

Before installing FRP panels remove the packaging and allow the panels to acclimate to the room temperature and humidity for 24 hours. Replicating your finished room oper-ating temperature and humidity conditions is ideal.

Installation Conditions

Installation should not begin until the building is enclosed, permanent heating and cooling equipment are in operation and moisture from plaster, concrete and other materials has dissipated.

Tools Needed

- Use a carbide tip, fine tooth saw blade.
- Swivel-head shears may be used for small cutouts.
- Use a carbide drill bit for drilling holes.
- If applying panels using adhesive, follow the adhesive manufacturer's instructions for their recommendation for the suggested trowel.
- Use a laminate roller to ensure maximum contact between the panels and substrate.

Wall Preparation

The wall substrate should be dry, even and free from dirt, grime and dust. Level high spots and fill low spots prior to adhering panels. Warped plywood or OSB should be replaced.

On surfaces that are painted, be sure to remove all loose paint. It's ideal to abrade or perforate any primed or painted surfaces to allow for better adhesive adhesion to the sub-strate. Be sure to remove any dust generated by this procedure. In some cases, nylon

(Continue on page 2)

Guía de Instalación de FRP

La Seguridad Es lo Más Importante

Utilice siempre lentes de seguridad o goggles, y una máscara que cubra la cara y la boca para realizar cortes o perforaciones. Utilice cremas protectoras para evitar la comezón por fibras de vidrio en la piel expuesta.

Condiciones de Almacenamiento

Los paneles deben guardarse en un lugar cerrado sobre una superficie plana, seca y sólida, y no se deben colocar sobre un extremo. No coloque otros materiales sobre los paneles FRP. No guarde los paneles en lugares con temperatura o humedad elevadas, o en ambientes con cambios bruscos de temperatura o humedad, ni los almacene directamente sobre pisos de concreto.

Inspección

Revise los paneles de inmediato en busca de defectos y no los instale si no se encuentran en buen estado. Panolam Industries no se responsabiliza por los costos de instalación remoción de paneles que no se encuentran en buenas condiciones.

Acondicionamiento Previo

Antes de instalar los paneles FRP, quite el empaque y permita que se adapten durante 24 horas a la temperatura y la humedad de la habitación. Se recomienda reproducir las condiciones de temperatura y humedad de la habitación terminada.

Condiciones de Instalación

No comience la instalación hasta que el edificio esté cerrado, el equipo de calefacción y refrigeración esté funcionando y se haya disipado la humedad del yeso, concreto y otros materiales.

Herramientas Necesarias

- Utilice una hoja de sierra de dientes finos con punta de carburo.
- Se pueden utilizar cortadoras con cabezal giratorio para cortes pequeños.
- Use una broca de carburo para realizar los orificios.
- Si aplicará los paneles con adhesivo, siga las instrucciones del fabricante del adhesivo y sus recomendaciones sobre la llana.
- Use un rodillo laminado para asegurarse de que haya el mayor contacto posible entre los paneles y el sustrato.

Preparación de la Pared

El sustrato de la pared debe estar seco, parejo y libre de suciedad, hollín y polvo. Nivele las partes salientes y rellene las depresiones antes de adherir los paneles. Se deben reemplazar la madera contrachapada o el OSB que se encuentren deformados.

(Continúa en la página 3)

rivets may be needed in addition to adhesive to achieve an appropriate bond.

For applying FRP over concrete block or brick, the walls should be furred out with wood or metal studs and the FRP should be pre-laminated to a substrate and fastened to the stud. This method will ensure a good installation. If the FRP panels must be applied directly over concrete block or brick the panels should be installed using nylon drive rivets with no adhesive. The drill holes must be oversized and proper spacing left between and around the FRP panels to allow for normal expansion and contraction. The above also applies to installations over ceramic tile, metal surfaces and other non-porous materials. Generally speaking, FRP adhesives will not cure properly with non-porous surfaces.

FRP panels should not be installed near ovens or similar heat sources. Discoloration may occur and adhesives may be adversly affected. Stainless steel is typically used in these types of areas.

Adhesive

If adhesive is chosen to install FRP panels, use FRP adhesive, which is readily available and formulated spe-cifically for FRP. Follow all adhesive manufacturer's recommendations concerning specific trowel, open time, coverage, etc. The proper trowel helps ensure that the correct amount of adhesive will be applied. Too much or too little adhesive can lead to installation failure. Apply the adhesive to 100% of the backside of the panel using a crosshatch pattern. Be sure to apply the adhesive all the way out to the edges of the panel. Do not apply adhesive to the wall, only to the backside of the FRP panels.



Trowel application

Aplicación de la Llana

Spacing

All FRP panels expand and contract due to changes in temperature and humidity. Adequate space must be allowed between and around the panels to allow for this expansion and contraction. Generally, allow 1/8" spacing between panels and 1/4"–3/8" gap at the floor and ceiling. Panels longer than 12' are not recommended.



Installing Panels

- All cutting or drilling should be done prior to applying adhesive to the panels.
- Rivet holes should be pre-drilled in the panels using a bit that is 1/8"–1/4" larger than the rivet shaft.
- Base molding, chair rails and handrails should be installed such that the FRP panel movement is not restricted. As stated, expansion and contraction of the panels is normal and must be taken into consideration during installation.
- Begin installation in a corner. Mark a plumb line 48 1/8" from the corner.

Asegúrese de quitar toda la pintura suelta en superficies pintadas. Lo ideal es gastar o perforar cualquier superfi-cie pintada o revestida para que el adhesivo tenga mejor agarre al sustrato. Asegúrese de limpiar el polvo generado durante este procedimiento. En algunos casos, puede necesitar remaches de nylon además del adhesivo para lograr una adherencia adecuada. Para aplicar FRP sobre ladrillos o bloques de concreto, las paredes deben estar cubiertas con listones de madera metal, y el FRP, previamente laminado con un sustrato, se debe asegurar a estos listones. Este método asegurará una instalación correcta. Si los paneles FRP se aplican directamente sobre los ladrillos o los bloques de concreto, deben instalarse con remaches de nylon sin adhesivo. Las perforaciones deben ser más grandes de lo necesario y se debe dejar suficiente espacio entre los paneles FRP y alrededor de ellos, para permitir que se expandan y contraigan. Esto también se aplica para la instalación sobre baldosas cerámicas, superficies de metal y otros materiales no porosos. En general, los adhesivos FRP no se secarán correctamente en superficies no porosas. Los paneles FRP no deben colocarse cerca de hornos o fuentes de calor similares, ya que se pueden decolorar o los adhesivos pueden verse afectados desfavorablemente. Generalmente, para estas áreas se utiliza acero inoxidable.

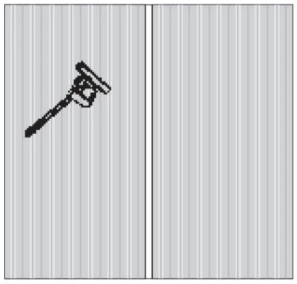
Adhesivo

Si elige utilizar adhesivo para instalar los paneles FRP, utilice un adhesivo que esté disponible y formulado específicamente para FRP. Siga todas las recomendaciones del fabricante
del adhesivo en cuanto a una llana específica, tiempo abierto (tiempo de espera antes de unir), cobertura, etc. La llana correcta ayuda a asegurarse de que se aplicará la cantidad correcta de adhesivo; una cantidad excesiva o insuficiente puede hacer que la instalación sea un fracaso. Aplique adhesivo en el 100% de la parte trasera del panel con un patrón cruzado y asegúrese de aplicarlo en todo el borde del panel. No aplique adhesivo en la pared, sino sólo en la parte trasera de los paneles FRP.

Espacio

Todos los paneles FRP se expanden y contraen por cambios de temperatura y humedad. Para permitir estos movimientos, se debe dejar un espacio adecuado entre los paneles y alrededor de ellos. Por lo general, se deja un espacio de 1/8 de pulgada entre los paneles y de 1/4 a 3/8 de pulgada con el piso y el cielorraso. No se recomienda utilizar paneles de más de 12 pies.

- Install the corner molding and apply silicone sealant in the channel of the molding.
- Apply the adhesive to the backside of the FRP panels using a crosshatch pattern. Be sure to apply the adhesive all the way out to the edges of the panel. Be sure to use the adhesive manufacturer's recommended trowel to apply the proper amount of adhesive. Too little or too much adhesive can lead to installation failure.
- Set he initial panel true with the plumb line.
- Using a laminate roller, roll firmly over the panel starting at the top corner nearest the molding rolling down and away toward the opposite edge. Be sure to eliminate any trapped air pockets and roll 100% of the panel firmly for the best bond.
- Install the divider and cap molding applying silicone sealant in the channels and sliding the molding completely onto the edge of the panel, then pulling away 1/8" to ensure proper spacing for expansion and contraction. It's best to fasten the exposed edge of the molding to be sure it is not pushed tight into the panel just installed as you install the next panel.
- Continue this process, working in one direction around the entire room.
- If he panels are being installed only using adhesive, you may use finish nails or tacks to hold the panels in place until the adhesive cures (typically above the ceiling line).
- If nails or tacks are used, these must be removed once the adhesive cures so that panel movement is not restricted.



To remove trapped air roll panel with a laminate roller

Para quitar el aire atrapado, pase un rodillo laminado por el panel

Installing FRP in Car Wash Applications

While FRP is an excellent wall finish for car washes, the moisture conditions along with the swings in temperature and humidity call for careful planning and installation methods.

- Panels hould be acclimated to the temperature, moisture and humidity conditions 24 hours prior to installation.
- In such a severe environment, expansion and contraction is more prominent and must be allowed for with proper spacing between and around panels.
- Panels should not exceed 8' in length and should be installed vertically only.
- Leave a minimum of 1" gap at floors and ceilings and 1/8"–1/4" between the panels.
- Use mechanical fasteners. Do not use adhesives.
- Oversize all drill holes for fasteners and any handling equipment, piping, etc.
- Seal all edges to prevent water from getting behind the panels.

Instalación de los Paneles

- Todos los cortes y perforaciones deben realizarse antes de aplicar adhesivo en los paneles.
- Los orificios para remaches deben estar previamente hechos con una perforadora con una broca que sea entre 1/8 y 1/4 de pulgada más grande que el eje del remache.
- El moldeado de base, los guardasillas y los pasamanos deben instalarse de manera tal que no restrinjan el movimiento del panel FRP. Como se mencionó, es normal que los paneles se expandan y contraigan, y esto debe tenerse en cuenta durante la instalación.
- Comience la instalación en una esquina. Marque una línea de plomo a 48 1/8 pulgadas de la esquina.
- Instale el moldeado de la esquina y aplique un sellador de silicona en el canal del moldeado.
- Aplique adhesivo en la parte trasera de los paneles FRP con un patrón cruzado y asegúrese de aplicarlo en todo el borde del panel. Además, asegúrese de usar la llana recomendada por el fabricante del adhesivo para aplicar la cantidad adecuada de adhesivo; una cantidad excesiva o insuficiente puede hacer que la instalación sea un fracaso.
- Coloque el panel inicial alineado con la línea de plomo.
- Tome un rodillo laminado y comience a rodarlo sobre el panel, desde el moldeado más cercano a la esquina superior y luego hacia abajo, en dirección del borde opuesto. Asegúrese de eliminar las bolsas de aire que queden en la super-ficie y pase el rodillo firmemente sobre todo el panel para lograr una mejor adherencia.
- Instale el divisor y el moldeado de tapa con un sellador de silicona en los canales y deslice el moldeado hacia el borde del panel. Luego, aléjelo 1/8 de pulgada para a segurarse de que quede un espacio adecuado para la expansión y contracción. Se recomienda ajustar el borde expuesto del moldeado para asegurarse de que no esté apretado con el panel recién instalado al instalar el siguiente panel.
- Continúe con este procedimiento y trabaje en una misma dirección en la habitación completa.
- Si los paneles se están instalando sólo con adhesivo, puede usar tornillos o tachuelas para sostener los paneles hasta que el adhesivo seque (por lo general, sobre la línea del cielorraso).
- Si utiliza tornillos o tachuelas, debe retirarlos una vez que el adhesivo esté seco, para que el movimiento del panel no quede restringido. Quite el adhesivo y los residuos de la cara de los paneles antes de que se sequen. Utilice agua y jabón, o alcohol mineral.

Instalación de FRP en Lavaderos de Autos

Si bien FRP es una terminación excelente para lavaderos de autos, las condiciones de humedad junto con los cambios de temperatura y humedad hacen que sea necesario realizar un planeamiento y utilizar métodos de instalación cuidadosos.

- Durante las 24 horas previas a la instalación, los paneles se deben adecuar a las condiciones de temperatura y humedad.

Limited Warranty

Subject to the limitations set forth below, Panolam Industries ex-pressly warrants that our products are reasonably free of defects in material and workmanship, and when properly handled and fabricated will conform, within accepted tolerances, to applicable manufacturing specifications as set forth in our technical bro-chure. This warranty shall extend to the original buyer for a period of twelve (12) months from the date of shipment of this original buyer. This warranty does not cover damage resulting from ac-cident, misuse, alteration, abuse or lack of reasonable care.

Due to the variety of uses and applications to which this product may be put, and because the manufacturer has no control over the end products fabricated, the warranty set forth above is exclusive and in lieu of all other warranties, express or implied, in fact or by operation of law or otherwise, or arising by course of dealing or performance, custom or usage in the trade, including, without limitation, the implied warranties of fitness for a particular purpose merchantility, and Panolam Industries shall have no obligation or liability to any person or entity in connection with or arising from the furnishing, sale, installation or repair, use or subsequent sale of any product supplied by it.

The buyer's sole and exclusive remedy for any noncompliance with the express warranty set forth above shall be limited to repair or replacement of the defective product, or, in the event that repair or replacement is not feasible, return of the product and refund of the purchase price.

Under no circumstances shall the manufacturer be liable in excess of the purchase price of this product, in either tort or contract or otherwise, for any loss, damage or injury in connection with arising from the purchase, use, or inability to use this product, or for any special, indirect, collateral, incidental, consequential or exemplary damages such as, but not limited to, loss of anticipated profits or other economic loss. Because some states do not allow the exclusion or limitation of incidental or consequential damages, this limitation may not apply to you.

Retaining all documentation after purchasing laminate will significantly expedite claim resolution.

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SMPBR000-060 1/2019

- En los ambientes con condiciones hostiles, la expansión y la contracción son más prominentes; por lo tanto, se debe dejar un espacio adecuado entre los paneles y alrededor de ellos.
- Los paneles no deben tener más de 8 pies de largo y se deben instalar únicamente de manera vertical.
- Deje un espacio mínimo de 1 pulgada entre los paneles y el piso o el techo, y de 1/8 a 1/4 de pulgada entre los paneles.
- Use sujetadores mecánicos y no utilice adhesivos.
- Aumente el tamaño de los orificios para los sujetadores y cualquier equipo, tubería, etc.
- Selle todos los bordes para evitar que el agua se filtre por detrás de los paneles.

Garantía Limitada

Sujeto a las limitaciones de aquí en adelante, Panolam Industries garantiza expresamente que nuestros productos están razonablemente libres de defectos en cuanto a materiales y mano de obra, y que cuando se manipulan y fabrican adecuadamente cumplen con (dentro de límites de tolerancia aceptados) las especificaciones de fabricación que se describen en nuestro folleto técnico. Esta garantía se extiende al comprador original por un período de doce (12) meses desde la fecha de envío de este comprador original, y no cubre daños por accidente, uso indebido, alteración, abuso falta de cuidados razonables.
Debido a la variedad de usos y aplicaciones de este producto y a que el fabricante no tiene control sobre los productos terminados fabricados, la garantía anteriormente mencionada es exclusiva y sustituye cualquier otra garantía, expresa o implícita, según los hechos o conforme a la ley o de otra manera, o que surja durante el transcurso de negociación o ejecución, personalización o uso en el intercambio, que incluye, sin limitación, las garantías implicadas de idoneidad correspondientes a un comercio de propósito particular, y Panolam Industries no tiene obligaciones ni responsabilidad frente a cualquier persona o entidad con quienes se relacionen o que surjan de las actividades de revestimiento, ventas, instalación o reparación, uso o venta subsiguiente de cualquier producto proporcionado.
Ante cualquier falta de cumplimiento de la garantía expresa mencionada anteriormente, la única y exclusiva reparación del comprador se limitará a la reparación o sustitución del producto defectuoso o, en caso de que esto no sea posible, se limitará a la devolución del producto y el reembolso del precio de compra.
Bajo ninguna circunstancia el fabricante se responsabilizará por un exceso en el precio de compra de este producto, extracontractual-mente o bajo contrato o de otra manera, por pérdida, daños o lesiones relacionadas con la compra, el uso o la imposibilidad de uso de este producto o cualquier otro daño cuantificable, indirecto, colateral, accidental, emergente o punitivo (como lucro cesante o cualquier otra pérdida económica, entre otros). Como algunos estados no permiten que se excluyan o limiten los daños accidentales o emergentes, esta limitación puede no aplicarse en su caso.
La respuesta a la reclamación se acelerará significativamente si mantiene toda la documentación luego de la compra del laminado.

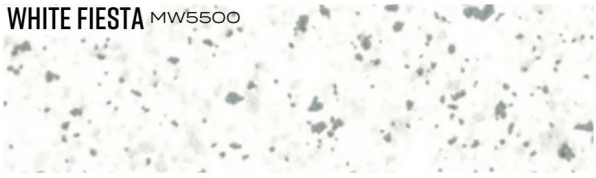
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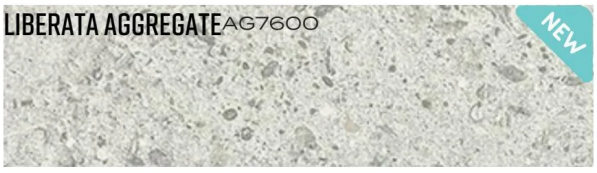
STONE ESSENCE COLLECTION

Stone Essence by Panolam (formerly the Lifestyle Collection) is a specially curated collection of stone patterns that will create interiors full of nature-inspired beauty.

Finish: Natural Stone (NS)



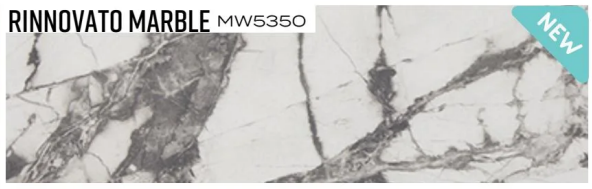


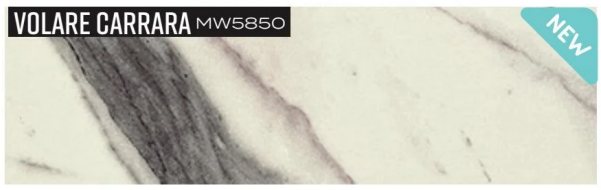


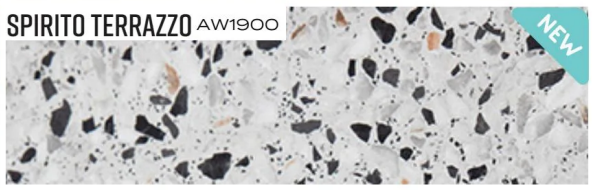


Finish: Velvet (VE)



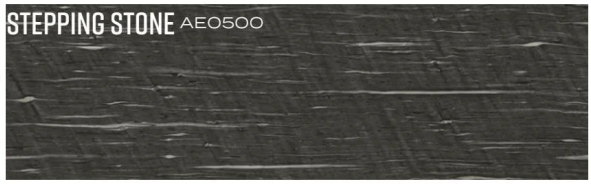






Finish: Textured Suede (SD)







Finish pictured may vary. See actual samples.

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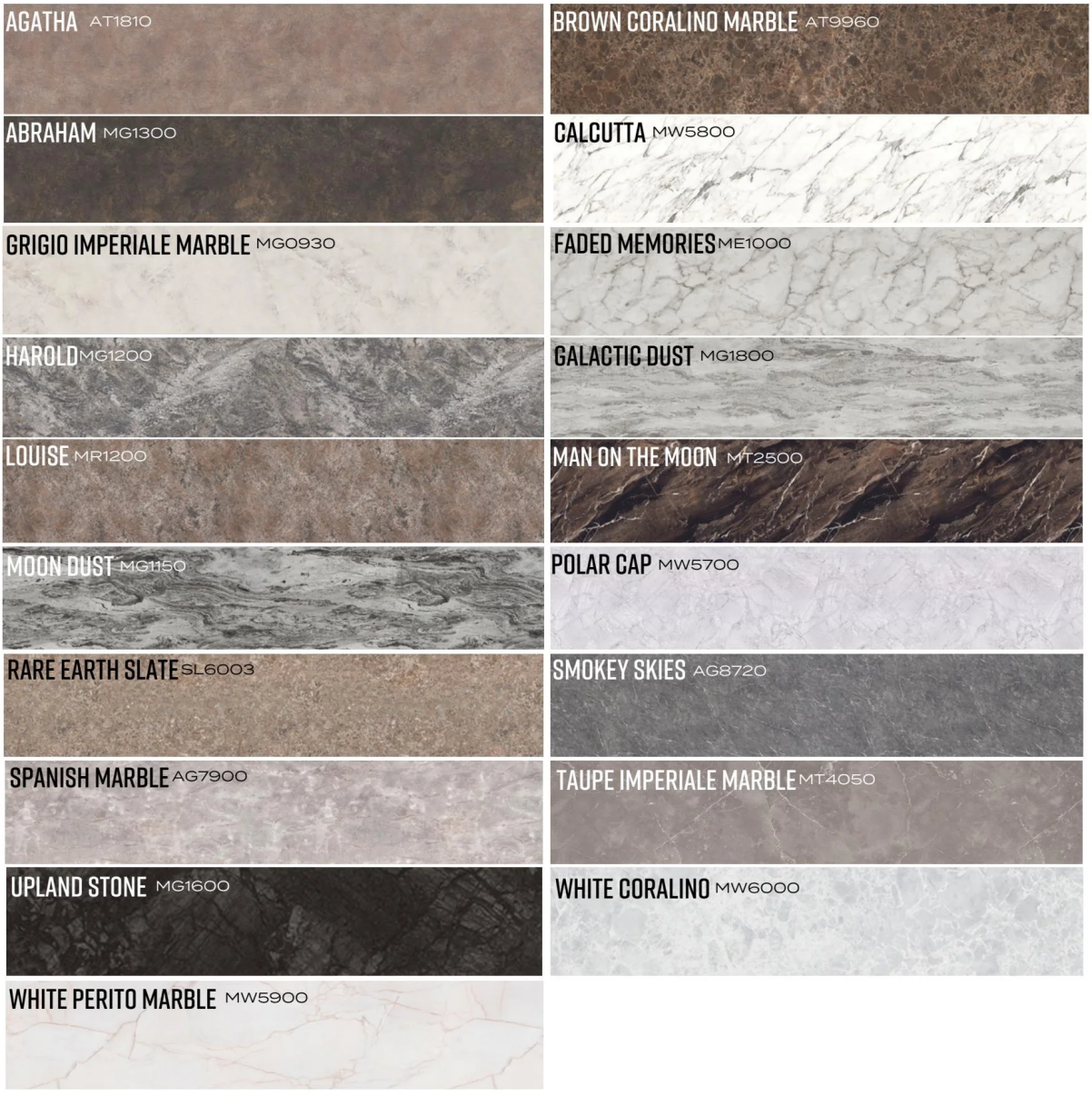
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STONE ESSENCE COLLECTION

Stone Essence by Panolam (formerly the Lifestyle Collection) is a specially curated collection of stone patterns that will create interiors full of nature-inspired beauty.

Finish: Evolution (EV)



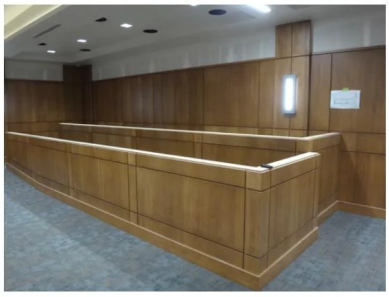
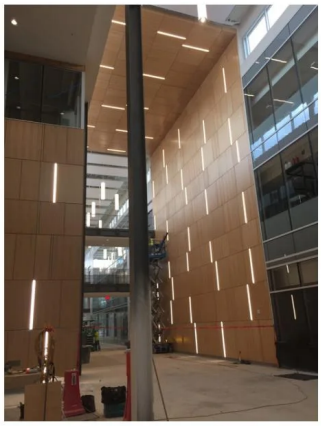
Finish pictured may vary. See actual samples.

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VENEER | EDGEBANDING | LAMINATED PANELS

TENDERIZED VENEER

FormWood –Perfect for everyday applications
Paper-Backed Veneer: 10 Mil, 20 Mil and 30 Mil
SIZE - 2x8,4x8, 4x10, 4x12, 8x4, 10x4
(5x8, 5x10, 5x12, 20 mil only select species)

NBL
Laminate backed veneer without the black line.
SIZE - 2x8,4x8, 4x10, 8x4, 10x4

DuraBack
Perfect for use with water based adhesives
SIZE - 2x8,4x8, 4x10, 4x12

Two Ply –Utilizes a thin acrylic membrane
Uniquely bendable horizontally & vertically
SIZE - 2x8,4x8, 4x10, 4x12

FormWood PSA
3m peel and Stick Adhesive backed veneer. No need for additional adhesive.
SIZE - 2x8, 2x10, 4x8, 4x10

EDGEBANDING

Form-Edge Automatic
Fleece backed Nonglued
Edgebanding - 500' rolls

Form-Edge Preglued
Fleece backed Preglued
Edgebanding - 250' rolls

Form-Edge Prefinished
Fleece backed Nonglued
Edgebanding - 500' rolls

12 SPECIES
Maple, Cherry, red oak, White Birch, Clear Pine, White Oak, Red Alder, White Alder, Mahogany, Hickory, Walnut & Fir

3 SPECIES
Maple, Cherry & Red Oak

BACKER PRODUCTS

Formback Stabilizing Backer
Colors: Natural and Brown
Fire Rating: Class A
Thickness: 0.020 in. +/- .003

FormSurface Paintable Backer
Colors: Rose Brown, Tan, Black & White
Thickness, inches: 0.026 (+/- 0.002)

Formback Synthetic Crossband
Colors: Natural and White
Thickness: 0.024 in. +/- .003

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VENEER SPECIES/ CUTS

Afromsia - Qtd. Figured
Alder, Rustic
Alder, Red
Anigre - Qtd. Figured
Anigre - Qtd. Plain
Anigre - Flat Cut, Figured
Anigre - Flat Cut, Plain
Ash, Brown (limited)
Ash, European - Qtd, Figured
Ash, Olive Burl
Ash, White Burl
Ash, White - Flat Cut
Ash, White - Qtd.
Avodire - Qtd. Figured
Bamboo
Beech, European - Flat Cut
Beech, European - Qtd.
Birch, Red - Flat Cut
Birch White - Rotary Spliced
Birch, White - Flat Cut
Bosse, Qtd. Figured
Budinga - Qtd.
Butternut
Cedar, Aromatic Red
Cedar, Spanish
Cedar, Western Red - Qtd.
Cerejeira
Cherry - Flat Cut
Cherry, Curly (Figured)
Cherry - Qtd.
Chestnut, European (limited)
Cypress
Ebony
Elm, Carpathian Burl
Etimoe - Flat Cut
Eucalyptus - Qtd. Figured
Eucalyptus - Qtd. Figured
Figueroa - Qtd. Figured
Fir, Douglas - Qtd. VG
Gaboon - Qtd. Figured (limited)
Hickory - Flat Cut
Jequitiba (Royal Mahogany)
Jatoba (Brazilian Cherry)
Kevazinga - Rotary
Koa, Hawaiian
Lacewood - Qtd.
Louro Preto - Flat Cut (limited)
Lyptus
Madrone Burl
Mahogany, African - Flat Cut
Mahogany, African - Qtd. Ribbon
Mahogany, Crotch
Mahogany, Hond - Flat Cut (limited)
Mahogany, Hond - Qtd (limited)
Mahogany, Phillipine (Meranti)
Makore - Qtd. Block Mottled
Makore - Qtd. Fiddle Back
Makore - Flat Cut Plain (limited)
Maple, Birdseye
Maple - Flat Cut
Maple - Flat Cut, Curly
Maple - Qtd.
Maple - Qtd. Figured
Maple - Rotary
Maple Burl
Mappa Burl
Movingue - Qtd. Figured
Myrtle Burl
Oak Burl
Oak, english Brown - Qtd. (limited)
Oak, Red - Flat Cut
Oak, Red - Qtd.
Oak, Red - Qtd. Heavy Flake
Oak, Red - Rift
Oak, White - Flat Cut
Oak, White - Qtd. Assorted Flake
Oak, White - Qtd. Heavy Flake
Oak, White - Rift
Okume - Rotary
Padauk - Qtd.
Pearwood, Swiss - Flat Cut
Pine, Knotty, Planked
Pine, White
Pine, Yellow
Planetree (European Lacewood)
Poplar
Prima Vera - Flat Cut (limited)
Purpleheart
Rosewood, African
Rosewood, East Indian (limited)
Rosewod, South American - Flat Cut
Sapele - Flat Cut
Sapele, Pommele
Sapele - Qtd.
Satinwood (Movingue)
Sycamore, English - Flat Cut (limited)
Sycamore, English - Qtd. Figured
Teak - Flat Cut
Teak, Golden - Flat Cut (limited)
teak - Qtd.
Walnut Burl
Walnut - Flat Cut
Walnut - Qtd.
Wenge
Zebrawood - Qtd.

Some species subject to minimum order quantities and availability. Species that are more difficult to get are marked (limited)

FORMWOOD ARCHITECTURAL PLYWOOD

Specializing in Matching & Sequencing

Formaldehyde Free, Moisture Resistant, Fire rated and FSC substrates also available.

FRMDF
Fire Rated MDF

VENEER CORE

VENEER CORE - ULTRA

VENEER CORE - RUSSIAN BIRCH

MDF
Medium Density Fiberboard

FRPB
Fire Rated Particle Board/ MDF

PB
Particle Board

UP TO 5' X 12'
&
CROSS GRAIN AVAILABLE

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P: 616-245-4415 | F: 616-245-1890 | sales@directsupplyinc.com

DIRECT SUPPLY INC

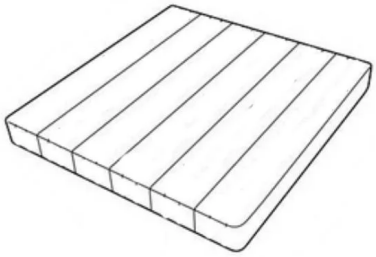
SURFACE MATERIALS \ CABINETRY \ HARDWARE

CUSTOM WOOD PIECES

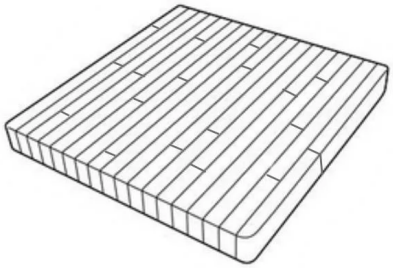
Customize your project with a personalized wood piece.

- Stairs
- Countertops
- Cutting Boards
- Shelves
- Benches
- Beams
- Barn Doors
- and more!

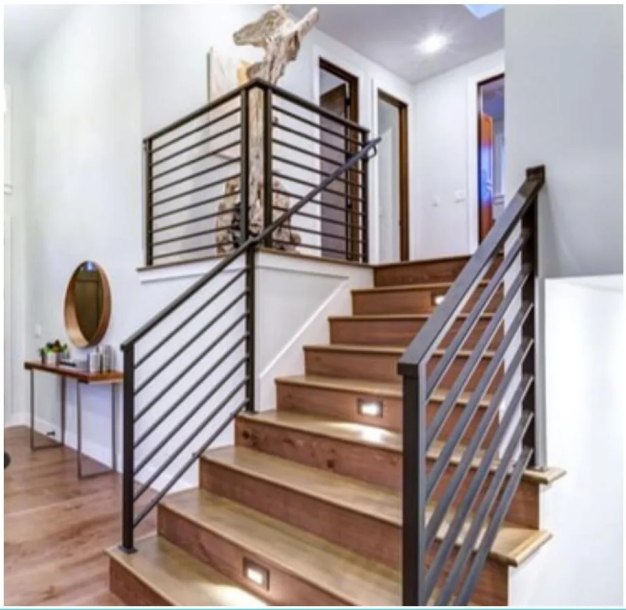
Plank style



Butcher Block







SPECIES



DIRECT SUPPLY INC

SURFACE MATERIALS \ CABINETRY \ HARDWARE

















John BOOS Since 1887

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

STOCK BUTCHER BLOCK TOPS

Ultra Premium Maple - Full Length Laminations



D x W - All 1.5" Thick

- 25" x 24"
- 25" x 30"
- 25" x 36"
- 25" x 48"
- 25" x 60"
- 25" x 72"
- 25" x 97"
- 25" x 121"
- 25" x 145"
- 30" x 48"
- 30" x 60"
- 30" x 72"
- 30" x 97"
- 30" x 121"
- 30" x 145"
- 36" x 60"
- 36" x 72"
- 36" x 97"

Ultra Premium Walnut - Full Length Laminations



D x W - All 1.5" Thick

- 25" x 72"
- 36" x 97"



Standard Eased Edges & Corners

All stock tops feature a low maintenance, smooth semi-gloss finish and eased edges.



Don't see the size you're looking for?

Select an over sized top and re-finish cut edges with the EZ-DO finish. Great for Sink Cut Outs too!

Additional sizes, species and oil finish available as special order with extended lead times.

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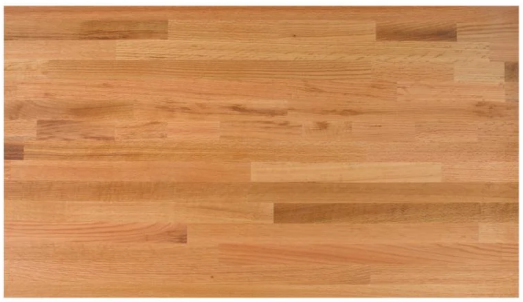
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DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

The Leading Manufacturer of Wood Production: Butcher Blocks, Cutting Boards, Gourmet Furnishing, Kitchen Counter Tops, Work Tables and More!

ADDITIONAL PRODUCTS

Countertops
Blended Tops in Maple, Walnut, Cherry and Oak



Countertops & Cutting Boards
Premium Tops in Maple, Walnut, Cherry and Oak



Countertops & Cutting Boards
End Grain in Maple, Walnut, Cherry and Oak





Finishing Products
Ez-Do, Mystery Oil, Board Cream & Applicator. Also available in Retail Packaging.





Contact us for current pricing and lead times!

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DIRECT SUPPLY INC

SURFACE MATERIALS \ CABINETRY \ HARDWARE

CUSTOM BUTCHER BLOCK AND WOOD TOPS

BENCHES, SHELVES & MORE!





RESTAURANT TABLE TOPS





UNIQUE SPECIES, FINISHES AND EDGE TREATMENTS









CUSTOM WOOD TOPS



DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

EMAIL QUOTE REQUESTS TO SALES@DIRECTSUPPLYINC.COM

Wood Species

- Maple
- Cherry
- Walnut
- Red Oak
- White Oak
- Ash
- Hickory
- Teak
- Eucalyptus
- Zebra Wood
- Poplar
- And More!

Type or Style

- Traditional Butcher Block
  - Full Length Laminations or Butt Joint Laminations
- Plank Style
  - (Plank width can vary from 3-6")
- End Grain - Minimum 3" Thickness

Finishes

- Clear Coat
  - Low Maintenance - Care for like furniture
- Oiled Finish
  - Ideal for tops you will be cutting on, requires regular maintenance
- Stain + Clear Coat

Please email sales@directsupplyinc.com for a custom quote.

We will need the following information to provide an accurate price:

Traditional Butcher Block, End Grain or Plank Style: _____

Wood Species: _____ Finish: _____

Size: _____ Thickness: _____

Any Cut Outs, etc. (please include drawing) _____

Edge Profile: _____ Corners: _____

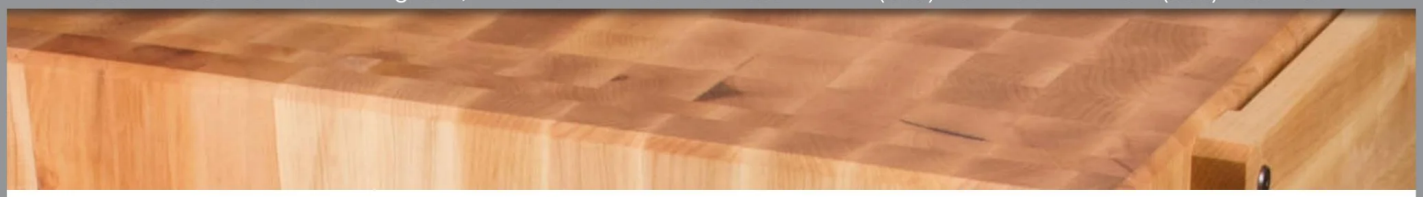
Any Other Notes: (Ex. brackets needed, etc.): _____

_____

John BOOS Since 1887

BUTCHER BLOCK - VARNIQUE FINISH: CARE & MAINTENANCE

3601 S. Banker • St. Effingham, IL 62401 • P.O. BOX 609 • Ph: (888) 431-2667 • Fax: (800) 433-2667



Lengthen the life of your Boos Block® Butcher Block For Many Years!

1. Varnique is a beautiful semi-gloss finish that is virtually maintenance free. It is impervious to most household chemicals. Cleans up easily with mild soap and water. Wipe dry.

2. DO NOT cut into a Varnique finish butcher block. Cuts into the finish should be resealed immediately to prevent the exposed wood from absorbing moisture. Varnique finish can be spot sanded, if needed, or repair and finished with EZ-DO wipe-on poly gel.

HOW TO MAINTAIN YOUR BUTCHER BLOCK

PROBLEM	DESCRIPTION	CAUSE	TO REPAIR
END CHECKS	Separation Of The Joints Along The End Of Block	Excessive Dryness, Not Oiled Frequently Enough	Melt a 1 to 4 mixture of paraffin and mineral oil and fill all checks. Make sure paraffin seals the check thoroughly. Continue oiling.
SPLITS	Separations Of Joint Along Full Length Of Top	Excessive Dryness	Proceed as above to seal split. If condition continues for an extended time period, contact your dealer.
WIND SHAKES	Small Portion Of Wood Grain Lifting Up From Top	Grain Separation, Excessive Dryness	Clean and dry top. Apply small portion of white glue to piece of paper. Slip paper under the shake and remove, leaving some glue for adhesion. Place heavy weight on area overnight and let dry. Remove any excess glue using light sandpaper or fine steel wool. WORK ONLY WITH THE GRAIN ! NEVER AGAINST IT!
WARPAGE	Top Cupping Or Bowing	Imbalance Of Moisture Content Between Top And Bottom Surfaces. Oiling Only One Surface	Apply oil liberally to concave side. If not corrected within 2 weeks, tape plastic (ie. plastic liners, dry cleaning wrap, etc.) to the convex side and oil the reverse side every day. Top will adjust to new humidity and correct itself.
RAIL EXPANSION	One Rail Raised Above Balance Of Top	Raised Rail Expanding At Faster Rate Than Other	Continue oiling as instructed for regular maintenance. Top will adjust to new humidity and correct itself.
STAINS	Water Spots, Food Stains, Etc.	Allowing Food To Remain On Table Top Too Long, Needs Paraffin Or Wax	Use light sandpaper of fine steel wood on stain. Continue regular maintenance. Stain will dissipate in wood grain.
DAMAGE	Nicks, Gouges, Dents, Etc.	External Environment	If top is oiled, simply sand and re-oil. If top is lacquered, lightly sand and refinish with lacquer or another compatible finish (consult a local finishing store).
MINERAL STREAKS	Dark Streaks In The Wood	Natural Discoloring Of The Wood Due To Mineral Deposits In The Tree	No repair needed - adds to individuality of your Butcher Block!

IMPORTANT!!! If you make any cuts or alterations in your Butcher Block, be sure to refinish the exposed edges with melted paraffin and oil or lacquer sealer. Holes or notches that have been installed in the table top must also be refinished. If you do not refinish these edges, your top will crack due to dryness.

DIRECT SUPPLY INC

REHAU RAUVISIO



BRILLIANT



NOIR



SHADE



CRYSTAL

Crystal: Mirror

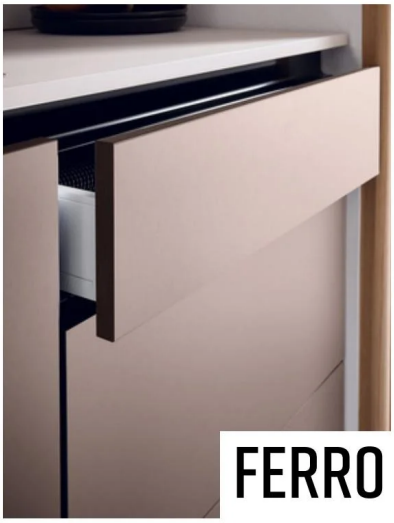




TERRA



INGRAIN



FERRO

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DIRECT SUPPLY INC

REHAU RAUVISIO

BRILLIANT

20+ years of UV stability | Intense color depth | Mirror-like | Chemical and stain resistant | Woodworking tools can be used

Laminate (51.18" x 110.23" x .027") Presses Panels (51.18" x 110.23" x .77")

Made to size cabinet doors & drawer fronts

NOIR

Super Matte | Independent thermal healing of micro-scratches | Soft to touch | Fingerprint, impact, & scratch resistant | Mold, bacteria, & stain resistant | Deeply light absorbent

Laminate (51.18" x 120.07" x .035") Presses Panels (51.18" x 120.07" x .76" or .23")

Compact (51.18" x 120.07" x .047") Made to size cabinet doors & drawer fronts

SHADE

Soft touch finish | Superior UV stability | Low light reflectivity | Value-engineered option for large commercial projects | Bacteria, fingerprint, and scratch resistant | Excimer lacquering for increased durability

Presses Panels (47.24" x 110.23" x .75") Made to size cabinet doors & drawer fronts

CRYSTAL

Unique visual depth & reflective quality | Chemical, scratch & stain resistant l Whiteboard markers or chalk can be used on it | 50% lighter than real glass | 10x more break resistant than real glass

Presses Panels (51.18" x 110.23" x .74") Slim Wall Panels (51.18" x 110.23" x .15")

Made to size cabinet doors & drawer fronts

Crystal: Mirror

Cut and processed with woodworking tools | 50% lighter than traditional glass mirrors | 10x more break resistant than traditional glass mirrors | 20% less waste compared to traditional glass mirrors

Pressed panels (47.28" x 96.06" x ".74") Slim wall panels (47.28" x 96.06" x .15")

Made to size cabinet doors & drawer fronts

TERRA

Soft touch finish | Deeply textured wood look and feel | Impact, chip, fingerprint, and scratch resistant

Laminate (51.18" x 120.07" x .035") Presses Panels (51.18" x 120.07" x 0.76")

Made to size cabinet doors & drawer fronts

INGRAIN

High-definition print | 3x thicker than melamine | Made of natural cellulose fibers | High-performing

PSA Laminate (24" x 96" x .01") Presses Panels (49" x 121" x .76")

Made to size cabinet doors & drawer fronts

FERRO

Metal inspired surface | Soft finish | Fingerprint, impact, & scratch resistant | Mold and stain resistant

Presses Panels (47.24" x 110.23" x .72") Made to size cabinet doors & drawer fronts

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REHAU

EDGING SOLUTIONS



Thousands of colors, sizes and materials available

MATERIAL OPTIONS & FINISHES

PVC, ABS, PP, acrylic and veneer material options are available in standard, high-gloss, matte and textured finishes

ZERO JOINT

With REHAU LaserEdge and REHAU Air+, we are the premier source for your laser, hot air, plasma or NIR edgebanders.

CONTOUR

Durable and impact-resistant, REHAU FlexEdge semi-rigid edgebanding and T-Molding handle a radius as small as 12 mm.

EDGEBAND COLOR SEARCH & STOCK CHECK

Easily find your color match and stocked sizes online!
https://www.rehau-marketplace.com/store/

Contact us for more information and pricing

DIRECT SUPPLY INC

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REHAU

SPECIFYING REHAU EDGEBAND

Board Thickness To Specify

- 3/4" and 1 - 1/8"

NOTE: Specifying 1 1/2" tops are not necessary, you open stock edgeband options from 20 colors to 200 colors with 1 - 1/8" tops.

Edgeband Widths (Standard)

- 15/16" (used with 3/4" board)
- 1 - 5/16" (used with 1 - 1/8" board)

Edgeband Thickness

- .018" and .020" (thin) used in low impact areas (shelves & interior places)
  * Typical costs: $0.03 to $0.15 cents per foot
- 2mm and 3mm (thick) used in high-impact areas (desktops, hospital rooms, high traffic areas & commercial)
- **THICK EDGEBAND IS MORE SUITABLE FOR DAILY WEAR (DENTS, SCRATCHES, MARRING)**
  * Typical costs: $0.20 to $0.60 cents per foot

Common Stock Edgeband Sizes

THIN

15/16 x .018 600'
15/16 x 1mm 600'
15/16 x 1mm ABS Furniture program 328' (100M)
1-5/16 x .020 600'

THICK 3MM

15/16 x 3mm 300'
1-5/16 x 3mm 300'

Writing Specifications

- Edgeband Manufacture - REHAU Industries, LCC (888) 734-2810
- Distributer - Direct Supply Inc (800) 878-8704
- Edgeband Thickness - Thin (.018 or .020) or 3mm
- Edgeband Width - If you specified board size the fabricator will know the width to use, 15/16" or 1 - 5/16"
- The REHAU color number. This can be found on the back of the sample chain or online (C600001)

REHAU Color Search

- Extensive color selection with excellent matches to all major laminate and melamine brands!
- Visit our colors search marketplace http://www.rehau-marketplace.com/store/

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Engineering progress
Enhancing lives

Surround yourself with meaning.

Craft made-to-measure spaces that transport you to soulful places. From surface to edge, RAUVISIO™ engineered materials set you apart.

na.rehau.com/surfaces

REHAU





RAUVISIO brilliant

Plunge into reflection.

RAUVISIO brilliant high-gloss acrylic surface creates a space where voyaging beyond the surface becomes part of everyday life. More than a glossy finish, this material transports you with layers of color that illuminate their surroundings, making them swirl with watery fullness.







Left: RAUVISIO brilliant Cubanite; RAUVISIO crystal Menta polished; RAUVISIO noir compact Casa Blanca - © Ryan Dyer Photography 2022, Minneapolis, MN
Above left: RAUVISIO brilliant Prugna; Above top right: RAUVISIO brilliant Moro; Above bottom right: RAUVISIO brilliant Bianco

Water captivates.

Our fascination with life below the surface starts by looking within. We have, in **RAUVISIO brilliant**, distilled a water-like reflective quality and curated collections that are shaped by the lack of or abundance of water. Submerge yourself in collective memories found in these colorful landscapes and be filled with tranquility and luminosity. In these spaces, diving beyond the surface becomes part of everyday life.

Glacier collection



Bianco 5000B



Cemento 1919L



Gabbiano* 6339B

Ocean collection



Meringa 5026B



Titanio 2102L



Bigio* 6340B

River collection



Magnolia 5335B



Prugna 5642B



Moro 5112B

Dune collection



Cappuccino 1917L



Cubanite* 5338B

Fog collection



Roccia 2101L



Grafite 2100L

* Color has directionality

Finished door & component options

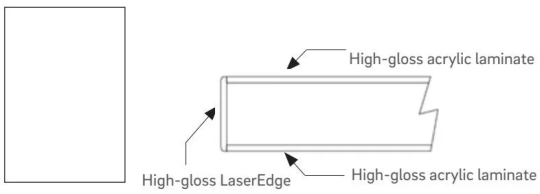
Profile specifications	
Appearance	High-gloss
Door style	Slab and shaker
Design style	Modern, contemporary
Construction	PUR laminated face and back, REHAU LaserEdge
Shaker stiles and rails	3 in (76.2 mm), custom widths also available
Face material	High-gloss acrylic, multiple colors
Back material	High-gloss acrylic, matching color
Edgeband	High-gloss ABS, matching color
Core	Super-refined MDF
Board thickness	3/4 in (19.5 mm)

Cabinet door size parameters	
Minimum slab	3 x 5 in (76.2 x 127 mm)
Maximum slab	50 x 109 in (1270 x 2768.6 mm)
Minimum shaker	8-7/8 in W x 11 in H (225.4 mm W x 279.4 mm H)
Maximum shaker	30 in W x 65 in H (762 mm W x 1651 mm H)

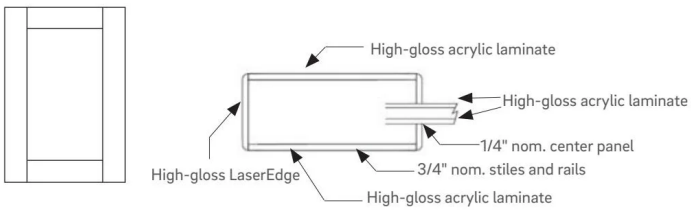
Edgebanding profile	
Top edge	1.0 mm radius
Bottom edge	1.0 mm radius
Edgeband finish, standard	Mirror gloss, color matched

Accessory products	
1/4 in. thick components	Cut-to-size with raw edges
Integrated handle	1-17/64 and 5/64 in (32 and 2 mm)
Floating shelves	22 to 96 in (558.8 to 2438 mm) wide

Slab profile



Shaker profile



Material options

Board specifications	
Construction	PUR laminated face and back
Face material	High-gloss acrylic, multiple colors
Back material	High-gloss acrylic, multiple colors
Core	Super-refined MDF
Size	51 x 110 in x 19.5 mm

Laminate specifications	
Construction	Acrylic
Material	High-gloss acrylic, multiple colors
Size	51 x 110 in x 0.7 mm

Edgebanding options	
ABS Mirror gloss	23 x 1.0 mm x 100 M
ABS Mirror gloss LaserEdge	23 x 1.2 mm x 100 M
ABS Mirror gloss	43 x 1.0 mm x 100 M

Features & benefits

- Mirror-like reflective quality
- Decades of UV stability
- Intense color depth
- Chemical and stain resistant
- Up to 60% lower production costs compared to painted components
- Editable with woodworking tools
- Ability to miter fold and cut
- Double-sided finished panel or cabinet door
- Matching floating shelves

Cleaning and care
Clean with a damp microfiber cloth and mild soap if needed. Do not dry-wipe the acrylic finish. Avoid abrasive cleaners, solvent-based cleaners and harsh chemicals. Do not use paper towels, brushes or scouring pads. REHAU is not responsible for any damage done by abrasive cleaning products or procedures.

Protective coat
A protective peel coat is applied to the top of the high-gloss surface, as well as to the edgebanded sides. Do not expose peel coat to direct sunlight before removal. Remove promptly after installing cabinet but prior to mounting decorative hardware. To remove peel coat, use rubber fingertips or our peel coat removal tool.

na.rehau.com/brilliant

Material properties & performance

Visual characteristics	Test standard	Requirements	Result
Surface gloss level	AMK-MB-009, 09/2010	60° measurement	High-gloss: > 85 GLE
Color	AMK-MB-009, 09/2011	No significant changes to master sample	Pass
Surface	AMK-MB-009, 09/2012	Uniform surface, no defects visible from 0.7m	Pass
Lightfastness	DIN EN ISO 4892-2 Art B (behind window glass)	Assessment according to blue scale	≥ Level 7
	Assessment according to DIN EN ISO 105 A02	Assessment according to blue scale	≥ Level 4

Surface properties			
Chemical resistance	DIN 68861/T1	High-gloss: 1A	1A
Scratch-resistance	DIN 68861/T4	High-gloss: 4D	4D
Performance in dry heat	68861/T7/ DIN EN 12722 DIN CEN TS 16209	Stress group min: 7D Class C	No change at 70C
Performance in moist heat	68861/T8/ DIN EN 12721	Stress group min: 8B	No change at 70C

Material properties			
Top laminate raw density	DIN EN 323	-	1.35g/cm^3
Fire behavior	DIN 4102/1	-	B2 (normal combustibility)
Material unit/Sand content	Residue on ignition	-	≤1%
Formaldehyde emissions	EN 622 and TSCA Title VI	Class E1: < 0.09 PPM TSCA: < 0.11 PPM	E1/CARBII/TSCA Title VI

Finished component test (AMK Kitchen Tests)			
Temperature resistance	AMK-MB-001	Pass	Pass
Infiltration of water vapor	AMK-MB-005 module 1	Pass	Pass
Humid climate resistance	AMK-MB-005 module 2	Pass	Pass
Alternating climate resistance	AMK-MB-005 module 3	Pass	Pass
Long-term heat storage: 4 weeks at 50C	Assessment after 24 hrs	Pass	Pass

Environmental			
FSC certification	-	-	PEFC Certification
Indoor air comfort - ultra low VOC	RAL-GZ 430	Less than 3 mg/m^3 TVOC after 3 days, less than 0.4 mg/m^3 after 28 days	Pass (0.0mg/m^3)
REACh	(EG) 1907/2006 (REACh) Article 33	Contains less than 0.1% of any "substances of very high concern"	Pass
RoHS	2011/65/EU (RoHS), appendix II (including amendment 2015/863/EU 31MAR2015)	Contains no restricted substances	Pass



RAUVISIO noir

- *BUILDINGS and interiors+sources* product innovations award
- Architizer A+Product award finalist

Lay a refined foundation.

RAUVISIO noir monotonic matte surface is irresistibly lush and leaves nothing to chance by obscuring fingerprints and scratches. Linger with the visual and tactile sensations of seamless matte from every angle.









Left: RAUVISIO noir After Dark
Above top left: RAUVISIO noir Trench Coat & Boxcar Blonde; Above top right: RAUVISIO noir Silver Lake
Above bottom left: RAUVISIO noir Olive Detour; Above bottom right: RAUVISIO noir After Dark

Colors that suit all your needs.

Inspired by the mystique of the cinematic film genre, **RAUVISIO noir** transports your imagination and senses to worlds of the past with its rich low-key colors. Take a stroll down a gaslit boardwalk, embrace the ambiance of a candlelit dinner, merge minimalism with classic panache to provoke jealous gazes. Choose the line designers identify as the embodiment of elegance: **RAUVISIO noir**.



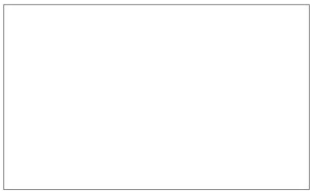
Maltese Mist 154704



Casa Blanca 154705



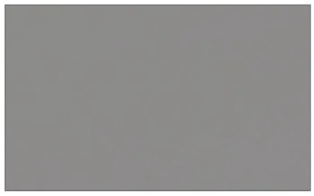
Capital Starlit 154706



High Low 154707



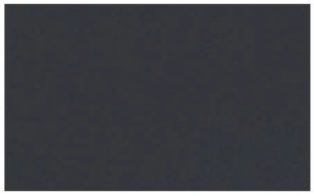
After Dark 154708



Silver Lake 154709



Smoke Stack 154710



Gaslit Alley 154712



Trench Coat 154711



Midnight Dash 154713



Boxcar Blonde 154714



Olive Detour 154715

NEW! RAUVISIO noir in color



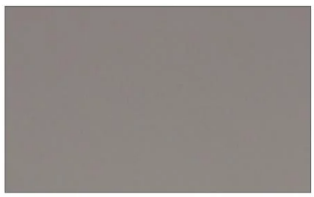
Sierra Social 155000



Gimlet Haze 155064



Platinum Sands 155001



Taupe Farewell 155063



Decoy Dusk 155065

Swatches in pocket left to right: RAUVISIO noir Decoy Dusk, Taupe Farewell, Sierra Social, Gimlet Haze & Platinum Sands

Finished door & component options

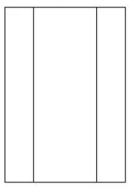
Profile specifications	
Appearance	Super-matte
Door style	Slab, siena and shaker
Design style	Modern, contemporary
Construction	PVA laminated face and back, REHAU LaserEdge
Shaker stiles and rails	3 in (76.2 mm), custom widths also available
Siena stiles	3 in (76.2 mm)
Face material	Super-matte monotonic laminate, multiple colors
Back material	Super-matte monotonic laminate, matching colors
Edgeband	REHAU LaserEdge, matching color
Core	MDF or particle board
Board thickness	3/4 in (19.5 mm)

Cabinet door size parameters	
Minimum slab	3 x 5 in (76.2 x 127 mm)
Maximum slab	50 x 119 in (1270 x 3022.6 mm)
Minimum shaker	8-7/8 in W x 11 in H (225.4 mm W x 279.4 mm H)
Maximum shaker	30 in W x 65 in H (762 mm W x 1651 mm H)
Minimum siena	11 in W x 6 in H (152.4 mm W x 279.4 mm H)
Maximum siena	50 in W x 60 in H (1270 mm W x 1524 mm H)

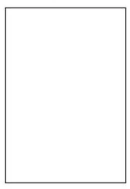
Edgebanding profile	
Top edge	1.0 mm radius
Bottom edge	1.0 mm radius
Edgeband finish	Elegant matte, color matched

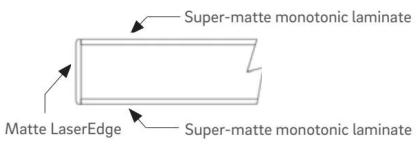
Accessory products	
1/4 in. thick components	Cut-to-size with raw edges
Integrated handle	1-17/64 and 5/64 in (32 and 2 mm)
Floating shelves	22 to 96 in (558.8 to 2438.4 mm) wide

Siena profile

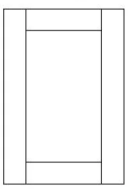


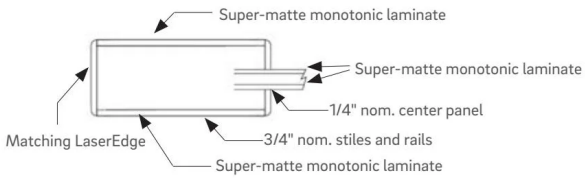
Slab profile





Shaker profile





Material options

Board specifications	
Construction	PVA laminated face and back
Face material	Super-matte monotonic laminate, multiple colors
Back material	Super-matte monotonic laminate, matching colors
Core	MDF or particle board
Size	51 x 120 in x 19.5 mm

Laminate specifications	
Construction	Electron Beam Cured High Pressure Laminate (HPL)
Material	Super-matte monotonic laminate
Size	51 x 120 in x 0.9 mm

Edgebanding options	
ABS	23 x 1.0 mm x 100 M
ABS LaserEdge	23 x 1.2 mm x 100 M
ABS	43 x 1.0 mm x 100 M

Features & benefits

- Irresistibly soft touch finish
- Deeply light-absorbent
- Seamless matte from every angle; front, back and edge
- Fingerprint, impact and scratch resistant
- Bacteria, mold and stain resistant
- Suitable for contact with food
- Independent thermal healing of microscratches
- Anti-microbial, ultra-low in VOCs and phenol-free
- Double-sided finished panel or cabinet door
- Matching floating shelves

Cleaning and care
Clean with a damp microfiber cloth and mild soap if needed. RAUVISIO noir is resistant to most chemicals and solvent-based cleaners, but harsh chemicals should be avoided. Do not use brushes or scouring pads. REHAU is not responsible for any damage done by abrasive cleaning products or procedures.

Protective coat
A protective peel coat is applied to the top and bottom surfaces. Do not expose peel coat to direct sunlight before removal. Remove promptly after installing cabinet but prior to mounting decorative hardware. To remove peel coat, use rubber fingertips or our peel coat removal tool.

na.rehau.com/noir

Material properties & performance

Visual characteristics	Test standard	Requirements	Result
Surface gloss level	ISO 2813	85° measurement	1.5 GLE
Color	AMK-MB-009, 09/2011	No significant changes to master sample	Pass
Surface	AMK-MB-009, 09/2012	Uniform surface, no defects visible from 0.7m	Pass
Lightfastness	DIN EN ISO 4892-2 Art B (behind window glass)	Assessment according to blue scale	≥ Level 6
	Assessment according to DIN EN ISO 105 A02	Assessment according to blue scale	≥ Level 4
Surface properties			
Chemical resistance	DIN 68861/T1	Matte: 1B	1B
Acids resistance	SEFA 8-PL-2016 Section 8.1	Pass	Pass
Scratch-resistance	EN 438-2.25	Appearance	≥4
Micro-scratch resistance	EN 438-2.30	Visual assessment	5
Resistance to surface wear	EN 438-2.10	Initial point	Initial point: > 200 rev Wear value: > 350 rev
Performance in dry heat	EN 438-2.16	Appearance	≥4
Performance in moist heat	68861/T8/ DIN EN 12721	Stress group min: 8B	≥4
Performance in water vapor	DIN 438-2.14	Level 5: No changes	≥4
Impact resistance large diameter ball	EN 438-2.21	Drop height Indentation diameter	≥ 800 mm ≤ 8 mm
Linear thermal coefficient of expansion	IOS 11359-2	+10C….+40C +20C….+80C	Longitudinal: < 0.55% Transverse: < 1.05%
Hygene (Suitability for food service)	NSF/ANSI 35	-	Pass
Contact with food - overall migration	EN 13130-23	-	Pass
Material properties			
Top laminate raw density	DIN EN 323	-	1.35g/cm^3
Fire behavior	DIN 4102/1	-	Standard: Class B Fire resistant: Class A
Flame spread index	ASTM E84	Class A: 0-25 Class B: 26-75 Class C: 76-250	Standard: 40 Fire resistant: 0
Smoke developed index	ASTM E84	Class A, B, C: 0-450	Standard: 40 Fire resistant: 35
Formaldehyde emissions	EN 622 and TSCA Title VI	Class E1: < 0.09 PPM TSCA: < 0.11 PPM	E1/CARBII/TSCA Title VI

Environmental	Test standard	Requirements	Result
FSC certification	-	-	FSC Controlled Wood
Phenol content	EN ISO 16000-9	Phenol content in resin	Phenol free
Indoor air comfort - ultra low VOC	UNI EN ISO 16000-9:2006 + ISO 16000-6:2011	Less than 5 µg/m3 Total Volatile Organic Compounds	Class A+ (meets Greenguard requirements)
Antibacterial properties - Evaluation of microorganisms	JIS Z 2801:2010	Antimicrobial activity after 24h @ 35C	> 3.6 log reduction > 99.975 % reduction
REACh	(EG) 1907/2006 (REACh) Article 33	Contains less than 0.1% of any "substances of very high concern"	Pass
RoHS	2011/65/EU (RoHS), appendix II (including amendment 2015/863/EU 31MAR2015)	Contains no restricted substances	Pass

Forged in Italy with the finest materials, **RAUVISIO noir** monotonic matte surface retains all of its elemental properties while delivering unwavering resilience and richly uninhibited elegance. The deeply light-absorbent surface independently heals micro-scratches. Ultra-low in VOCs and phenol-free, it minimizes chemicals indoors, while its antimicrobial and hydro-repellent properties make it suitable for food contact.

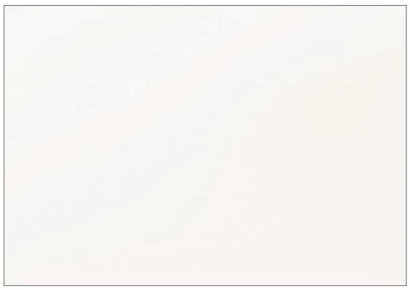
RAUVISIO noir is offered as laminates, boards and edgeband or fabricated panels and cabinet doors. Panels and doors are crafted of an MDF or particle board core and finished with REHAU LaserEdge for a monolithic effect that rivals a solid surface. This versatile matte is also available in the **RAUVISIO noir** compact, a 12 mm thick solid-core panel for vertical and horizontal applications. With intensely rich hues and real-world grit, this understated surface lays a refined foundation for even the most exuberant design.

RAUVISIO noir compact

With **RAUVISIO noir compact** horizontal and vertical surfaces including countertops, doors or partitions can be modernized with a stunning monotonic matte look.



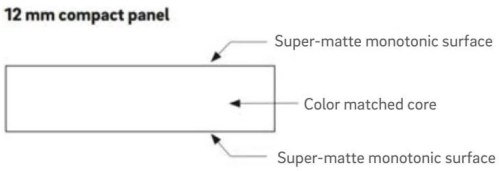
After Dark 154708



Casa Blanca 154705



Smoke Stack 154710



Material options

Panel specifications	
Appearance	Super-matte
Application	Worktop, countertop, partition
Design style	Modern, contemporary
Construction	Solid core, balanced panel made of synthetic thermosetting resins
Sheet size	51 x 120 in (1300 x 3050 mm)
Face material	Super-matte monotonic surface, multiple colors
Back material	Super-matte monotonic surface, multiple colors
Core material	Color matched core
Thickness	15/32 in (12 mm)

See RAUVISIO noir for testing information

RAUVISIO shade



Blend resilience and softness.

By diffusing light and giving elements around it vivid definition, **RAUVISIO shade** super-matte PET surface unveils a space as a work of art. Its powdery finish makes its mark as a far-reaching surface area. Allow soft to recede to the background or define the foreground of your boutique, reception or workspace. Whatever your focus, bring your subject into light.







Left: RAUVISIO shade Dark Grey
Above left: RAUVISIO shade Black; Above top right: RAUVISIO shade Dark Grey; Above bottom right: RAUVISIO shade White

Unbound shades.

This new blurred and shaded line broke conventions of the past. Notions of line as something that contained, restricted and bound were replaced by an invisible line whose hints created faint color hues. These new techniques inspired poets and writers to challenge their binary notions and reinvent a third way, a more ambiguous way that was truer to real life. These soft and hazy undertones made what laid on top more vibrant. It gave an intimate feeling, brought out a warmth in its subjects that created a striking real-life effect. This concept plays out when **RAUVISIO shade** brings an augmented softness to your designs, going beyond boundary, diffusing light, giving the elements around it vivid definition.

This palette of neutral hues allows you to soften your living space and place an emphasis on the elements that matter to you most. Choose a hue that's already a classic.



Light Grey 154420



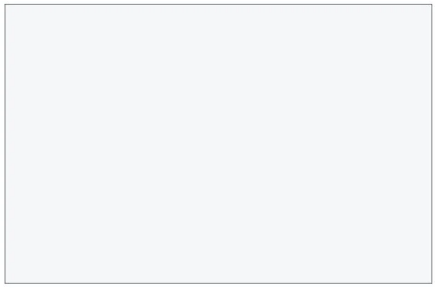
Dark Grey 154421



Stone Grey 154422



Black 154418



White 154419

Finished door & component options

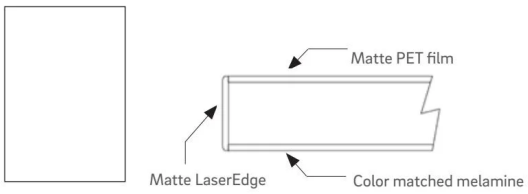
Profile specifications	
Appearance	Matte
Door style	Slab and shaker
Design style	Modern, contemporary
Construction	Colored PET film laminated to MDF core, REHAU LaserEdge
Shaker stiles and rails	3 in (76.2 mm), custom widths also available
Face material	PET film, multiple colors
Back material	Melamine, matching color
Edgeband	REHAU LaserEdge, matching color
Core	Super-refined MDF
Board thickness	3/4 in (19.5 mm)

Cabinet door size parameters	
Minimum slab	3 x 5 in (76.2 x 127 mm)
Maximum slab	47 x 109 in (1193.8 x 2768.6 mm)
Minimum shaker	8-7/8 in W x 11 in H (225.4 mm W x 279.4 mm H)
Maximum shaker	30 in W x 65 in H (762 mm W x 1651 mm H)

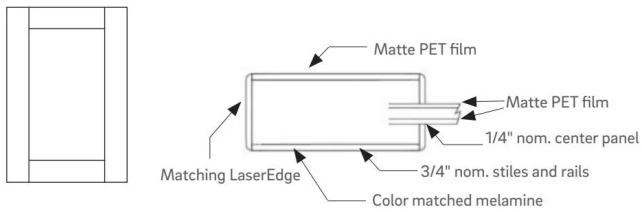
Edgebanding profile	
Top edge	1.0 mm radius
Bottom edge	1.0 mm radius
Edgeband finish	Elegant matte, color matched

Accessory products	
1/4 in. thick components	Cut-to-size with raw edges

Slab profile



Shaker profile



Material options

Board specifications	
Construction	Colored PET film laminated to MDF core
Face material	PET film, multiple colors
Back material	Melamine, matching color
Core	Super-refined MDF
Size	48 x 110 in x 19.5 mm

Edgebanding options	
ABS	15/16 in x 1.0 mm x 100 M
ABS LaserEdge	15/16 in x 1.2 mm x 100 M

Features & benefits

- Soft touch finish
- Scratch, fingerprint and bacteria resistant
- Excimer lacquering for increased durability
- Superior UV stability
- Low light reflectivity
- Value-engineered option for large commercial projects

Cleaning and care
Clean with a damp microfiber cloth and mild soap if needed. While the surface is scratch resistant, it should never be dry-wiped. Avoid abrasive cleaners, solvent-based cleaners and harsh chemicals. Do not use paper towels, brushes or scouring pads. REHAU is not responsible for any damage done by abrasive cleaning products or procedures.

Protective coat
A protective peel coat is applied to the top of the matte surface. Do not expose peel coat to direct sunlight before removal. Remove promptly after installing cabinet but prior to mounting decorative hardware. To remove peel coat, use rubber fingertips or our peel coat removal tool.

na.rehau.com/shade

Material properties & performance

Visual characteristics	Test standard	Requirements	Result
Surface gloss level	ALFA AW A16/10	-	3 +/-1 GLE
Color	AMK-MB-009, 09/2011	No significant changes to master sample	Pass
Surface	AMK-MB-009, 09/2012	Uniform surface, no defects visible from 0.7m	Pass
Lightfastness	DIN EN ISO 4892-2 Art B (behind window glass)	Assessment according to blue scale	5 (except part 5, use method B indoor)
	Assessment according to DIN EN ISO 105 A02	Assessment according to blue scale	≥ Level 4
Surface properties			
Chemical resistance	DIN 68861/T1	Matte: 1B	1B
Scratch-resistance	UNI EN 438/25	-	Rating 3. 2N faint marks, 4N continuous scratch
Micro-scratch resistance	IHD-W-466 (Art. A)	Matte: Class 2	Hoffman test: 5N
Resistance to surface wear	EN 438-2.10	Initial point	4
Material properties			
Top laminate raw density	DIN EN 323	-	1.35g/cm^3
Formaldehyde emissions	EN 622 and TSCA Title VI	Class E1: < 0.09 PPM TSCA: < 0.11 PPM	E1/CARBII/TSCA Title VI
Environmental			
Indoor air comfort - Ultra low VOC	RAL-GZ 430	Less than 3 mg/m^3 TVOC after 3 days, less than 0.4 mg/m^3 after 28 days	Pass (0.0mg/m^3)



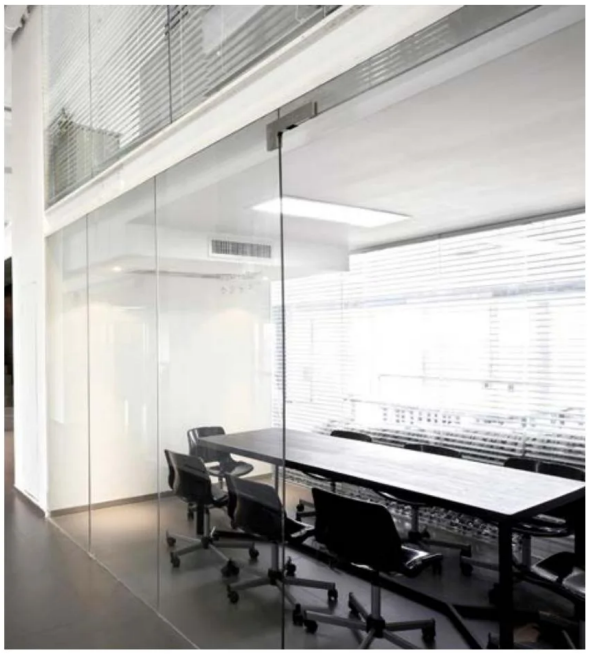
RAUVISIO crystal

Architectural Record's best-products award

Mine a gem as rare as you.

RAUVISIO crystal acrylic surface, found in its polished and natural finishes, brings cemented energy to achieve a rarified luster. The lightweight, yet durable polymer surface creates a deep and multifaceted aesthetic when finished with beveled REHAU LaserEdge technology. From its sleek cool facets to its color play, uncover radiant and deeply personal spaces with **RAUVISIO crystal**.







Left: RAUVISIO crystal Marmo Bianco & Fumo natural
Above top left: RAUVISIO crystal Menta polished; Above bottom left: RAUVISIO crystal Bianco polished
Above right: RAUVISIO crystal Bianco polished

A surface that fascinates.

Our fascination with crystals, their origins, strength and composition, dates back to the beginning of civilization when our ancestors believed these formations contained healing powers, sometimes even deities, within them. Their cool-to-touch slick surface, dazzling glimmer and multifaceted reflection keep us mesmerized.

Stones in all finishes have a certain enchantment that draw passers-by in. For some, the gritty finish of raw gems isn't lackluster; it's laconic. For others, the slick polished state of a gem unlocks the colorful fire subdued within. Offered in polished and natural finishes, **RAUVISIO crystal** transitions seamlessly between sleek reflective gloss and powdery matte to create a singular reality in your space.

Diamond collection



Bianco polished V2778
natural 1696L



Perla polished V2892
natural 1697L



Zucchero* polished 1923L

Vermarine collection



Menta polished 1684L



Sabbia polished 1687L
natural 1703L



Nebbia polished 1910L
natural 1911L

Obsidian collection



Piano polished 2015L

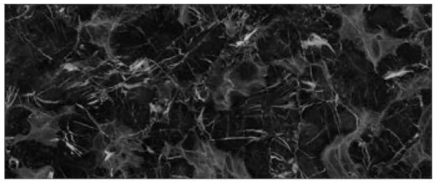


Fumo polished 1686L
natural 1702L



Decorative Mirror polished 1721L

Mineral collection



Marmo Nero polished 1971L



Legno Sbiancato polished 1976L



Marmo Bianco polished 1970L

* Color has directionality

Finished door & component options

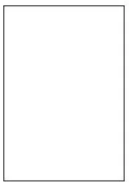
Profile specifications	
Appearance	Polished (gloss) or natural (matte) in solid color or stone inspired
Door style	Slab and shaker with glass insert or frame only
Design style	Modern, contemporary
Construction	PUR laminated face and back, REHAU LaserEdge
Face material	Two-layer polished (gloss) or natural (matte), multiple colors
Back material	Balancing sheet, matching color
Edgeband	REHAU LaserEdge, matching color
Core	Super-refined MDF
Board thickness	3/4 in (19 mm)

Cabinet door size parameters	
Minimum slab	3 x 5 in (76.2 x 127 mm)
Maximum slab	50 x 109 in (1270 x 2768.6 mm)
Minimum shaker (glass insert or frame only)	8-7/8 in W x 11 in H (225.4 mm W x 279.4 mm H)
Maximum shaker (glass insert or frame only)	30 in W x 65 in H (762 mm W x 1651 mm H)
Maximum slab for RAUVISIO crystal Decorative Mirror	47 x 95 in (1194 x 2413 mm)

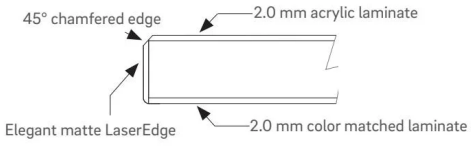
Edgebanding profile	
Top edge	1.3 mm radius or 45° 3 x 3 mm chamfer (radius only for shaker doors)
Bottom edge	1.3 mm radius
Finish polished	Duo-design or mirror gloss, color matched
Finish natural	Elegant matte, color matched

Accessory products	
Backsplash	Thickness 5/32 in (4 mm) Cut-to-size up to 50 x 109 in (1270 x 2770 mm)
Integrated handle	1-17/64 and 5/64 in (32 and 2 mm)

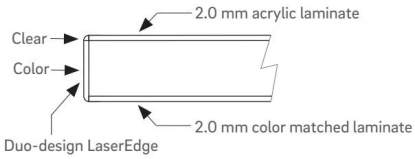
Slab profile



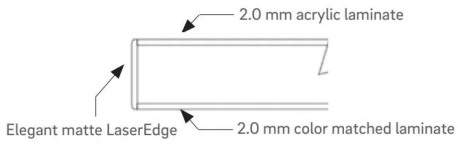
Polished or natural bevel edge profile



Polished radius edge profile



Natural radius edge profile



RAUVISIO crystal is also available in Shaker style with glass insert or frame only; see page 83 for more details.

Material options

Board specifications	
Construction	PUR laminated face and back
Face material	Two-layer polished (gloss) or natural (matte)
Back material	Balancing sheet, matching color
Core	Super-refined MDF
Size	51 x 110 in x 19 mm
RAUVISIO crystal Decorative Mirror size	48 x 110 in x 19 mm

Laminate specifications	
Construction	Two-layer acrylic polished (gloss) or natural (matte)
Material	Acrylic
Size	51 x 110 in x 2.0 mm

Edgebanding options	
ABS Mirror gloss or Elegant matte	23 x 1.0 mm x 100 M
ABS Mirror gloss or Elegant matte LaserEdge	23 x 1.2 mm x 100 M
ABS Duo-edge LaserEdge	23 x 1.5 mm x 100 M

Features & benefits

- Completely unique visual depth and reflective quality
- Scratch resistant
- Chemical and stain resistant
- Easy to clean with microfiber towels
- Take notes or write tasks with whiteboard markers (polished) or chalk (natural)
- Cut and processed with woodworking tools
- 10x more break resistant than real glass
- 50% lighter than real glass

Cleaning and care
Clean with a damp microfiber cloth and mild soap if needed. RAUVISIO crystal has a very hard, scratch-resistant finish. Avoid abrasive cleaners, solvent-based cleaners and harsh chemicals. Do not use paper towels, brushes or scouring pads. REHAU is not responsible for any damage done by abrasive cleaning products or procedures.

Protective coat
A protective peel coat is applied to the top of the surface, as well as to the edgebanded sides. Do not expose peel coat to direct sunlight before removal. Remove promptly after installing cabinet but prior to mounting decorative hardware. To remove peel coat, use rubber fingertips or our peel coat removal tool.

na.rehau.com/crystal

Material properties & performance

Visual characteristics	Test standard	Requirements	Result
Surface gloss level	AMK-MB-009, 09/2010	60° measurement	High-gloss: > 85 GLE Matte: < 6 GLE
Color	AMK-MB-009, 09/2011	No significant changes to master sample	Pass
Surface	AMK-MB-009, 09/2012	Uniform surface, no defects visible from 0.7m	Pass
Lightfastness	DIN EN ISO 4892-2 Art B (behind window glass)	Assessment according to blue scale	≥ Level 7
	Assessment according to DIN EN ISO 105 A02	Assessment according to blue scale	≥ Level 4
Surface properties			
Chemical resistance	DIN 68861/T1	High-gloss: 1A Matte: 1B	High-gloss: 1A Matte: 1B
Scratch-resistance	DIN 68861/T4	High-gloss: 4D Matte: 4C	High-gloss: 4D Matte: 4C
Micro-scratch resistance	IHD-W-466 (Art. A)	High-gloss: Class 1 Matte: Class 2	Test A: max 5% Test B: Class 5
Performance in dry heat	68861/T7/ DIN EN 12722 DIN CEN TS 16209	Stress group min: 7D Class C	No change at 70C No change at 100C
Performance in moist heat	68861/T8/ DIN EN 12721	Stress group min: 8B	No change at 70C
Cross hatch test	DIN EN ISO 2409	GT 0-1	OK
Performance in water vapor	DIN 438-2.14	Level 5: No changes	OK
Flexural modulus of elasticity	DIN EN ISO 178	-	3080 N/mm2
Flexural strength	DIN EN ISO 178	-	98 N/mm2
Impact strength	DIN EN ISO 179-1	-	11 kJ/m2
Linear thermal coefficient of expansion	IOS 11359-2	'-40C….+20C +10C….+40C +20C….+80C	0.0000590 0.0000667 0.0000754
Material properties			
Top laminate raw density	DIN EN 323	-	1.18g/cm^3
Balancing sheet raw density	DIN EN 323	-	1.16g/cm^3
Fire behavior	DIN 4102/1	-	B2 (normal combustibility)
Flame spread index	ASTM E84	Class C: 76-250	180
Smoke developed index	ASTM E84	Class A, B, C: 0-450	750
Material unit/Sand content	Residue on ignition	-	≤1%
Shore hardness D	DIN ISO 7619-1	-	91 ± 3
Vicat softening temperature	DIN EN ISO 306 - Art B50	-	≤99C
Formaldehyde emissions	EN 622 and TSCA Title VI	Class E1: < 0.09 PPM TSCA: < 0.11 PPM	E1/CARBII/TSCA Title VI
Impact resistance large diameter ball	EN 438-2.21	Drop height	11kJ/m2 per DIN EN ISO 179-1

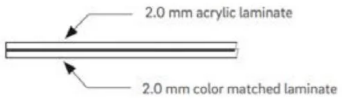
Finished component tests (AMK Kitchen Tests)	Test standard	Requirements	Result
Temperature resistance	AMK-MB-001	Pass	Pass
Infiltration of water vapor	AMK-MB-005 module 1	Pass	Pass
Humid climate resistance	AMK-MB-005 module 2	Pass	Pass
Alternating climate resistance	AMK-MB-005 module 3	Pass	Pass
Long-term heat storage: 4 weeks at 50C	Assessment after 24 hrs	Pass	Pass
Environmental			
FSC certification	-	-	PEFC certification
Indoor air comfort - Ultra low VOC	RAL-GZ 430	Less than 3 mg/m^3 TVOC after 3 days, less than 0.4 mg/m^3 after 28 days	Pass (0.0mg/m^3)
REACh	(EG) 1907/2006 (REACh) Article 33	Contains less than 0.1% of any "substances of very high concern"	Pass
RoHS	2011/65/EU (RoHS), appendix II (including amendment 2015/863/EU 31MAR2015)	Contains no restricted substances	Pass

The mystique of **RAUVISIO crystal** acrylic surface is its stone-hard 2 mm clear acrylic top layer that creates intense reflectivity, entrancing optical depth with crisp facets and superb UV- and scratch-resistance. With natural and polished finishes, designs from mineral to mirror, board and slim configurations, **RAUVISIO crystal** is our most versatile line.

This surface is offered as boards, 4 mm wall panels and edgeband or fabricated panels and cabinet doors. On boards, panels and doors, the crystal laminate and a color-matched balancing backer are applied using PUR glue to an MDF core that is CARB2, TSCA Title VI certified. Panels and doors are finished with perfectly matched REHAU LaserEdge, then beveled for a convincing replication of back-painted or frosted cut glass. At 50% lighter and 10 times more break resistant than real glass, yet as easy to work with as engineered wood, **RAUVISIO crystal** is a gem of a surface you'll mine time-and-again.

RAUVISIO crystal slim

RAUVISIO crystal slim™ allows for a wide range of applications, including kitchen or bath backsplash, shower walls, partition walls or fillers. Use with matching RAUVISIO crystal cabinet doors as a reflective accent.



50% lighter panels allow for flexible design and ease of installation on site.



Bianco	polished	V2778
	natural	1696L



Perla	polished	V2892
	natural	1697L



Nebbia	polished	1910L
	natural	1911L



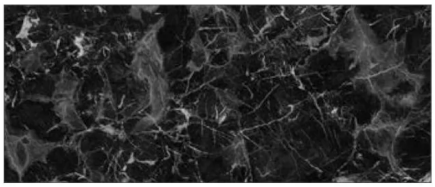
Sabbia	polished	1687L
	natural	1703L



Fumo	polished	1686L
	natural	1702L



Decorative Mirror	polished	1721L



Marmo Nero	polished	1971L



Legno Sbiancato	polished	1976L



Marmo Bianco	polished	1970L

Material options

Panel specifications	
Application	Backsplash, wall panel
Thickness	5/32 in (4 mm)
Sheet size	51 x 110 in (1300 x 2800 mm)
RAUVISIO crystal Decorative Mirror sheet size	48 x 96 in (1219.2 x 2438.4 mm)
Face material	Two-layered polished (gloss) or natural (matte), multiple colors

See RAUVISIO crystal for testing information

Sheet specifications
RAUVISIO crystal slim is a 2 mm thick clear acrylic laminate, the bottom 0.4 mm is colored and the top 1.6 mm is clear. The 2.0 mm thick backer laminate is a solid matching color 2 mm thick layer. The total thickness is 4 mm. Because RAUVISIO crystal slim does not have a wood core, it is water resistant and can be used in a wet environment.

Applications
RAUVISIO crystal slim is a great, modern alternative to use instead of glass in the kitchen and bathroom. It can serve as a backsplash, decorative wall panel or a shower wall cladding. Please note that if using RAUVISIO crystal slim as a backsplash behind a gas cooktop, it must be at least 12 in (304.8 mm) from an open flame. If this is not possible, we suggest installing a flame retardant material directly behind the cooktop. Reference the RAUVISIO crystal Technical Guide for more information.

Cleaning and care
Clean with a damp microfiber cloth and mild soap if needed. RAUVISIO crystal slim has a very hard, scratch-resistant finish. Avoid abrasive cleaners, solvent-based cleaners and harsh chemicals. Do not use paper towels, brushes or scouring pads. REHAU is not responsible for any damage done by abrasive cleaning products or procedures.

Protective coat
A protective peel coat is applied to the top of the glass surface. Do not expose peel coat to direct sunlight before removal. Remove promptly after installing RAUVISIO crystal slim. To remove peel coat, use rubber fingertips or our peel coat removal tool.



RAUVISIO crystal slim Bianco natural



RAUVISIO terra

Touch the forest guilt free.

RAUVISIO terra soft, textured HPL surface weaves the softness of the forest floor with the resilience of an ancient tree. Regardless of the season, this deeply textured surface delivers all-round durability with an authentic wood look and feel. Climb that higher branch to nurture your full breath of creativity.









Left: RAUVISIO terra East Elm
Above top left: RAUVISIO terra Harvest Walnut; Above top right: RAUVISIO terra Northern Oak
Above bottom left: RAUVISIO terra Loft Oak; Above bottom right: RAUVISIO terra Craft Elm

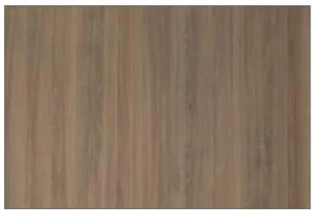
Immerse yourself in the forest.

RAUVISIO terra was created with the sensitivity and wonder we once carried as children exploring our surroundings in the natural world. Using the sun as our guide, pitch a tent under the stars, meditate at the foot of an ancient tree and commune with the spirits of the forest found buzzing, crawling and flapping all around you.

Midday collection



West Highland White* 0028



Coastal Oak 4543



Mission Maple 2635L

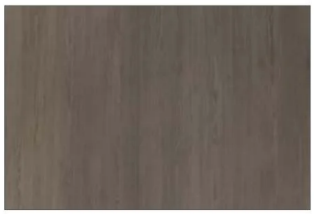


Harvest Walnut 4604

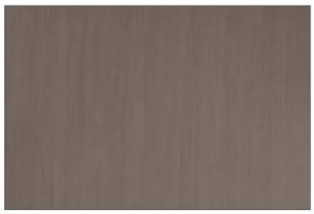
Evenfall collection



Craft Elm 2629L



Vineyard Oak 2640L

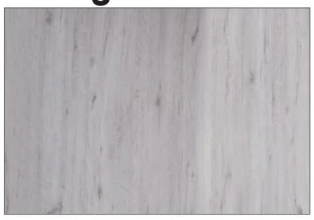


Saw-cut Sand* 4533

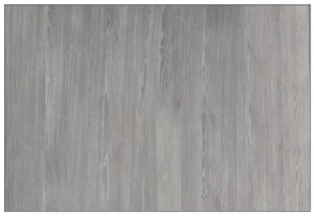


Riverfront Elm* 4528

Twilight collection



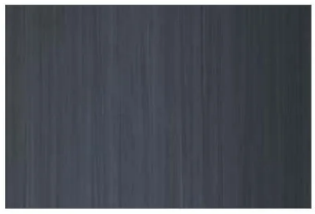
Northern Oak 2637L



Whiskey Oak 4511

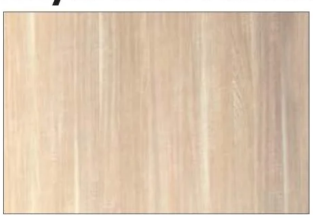


Loft Oak 2634L

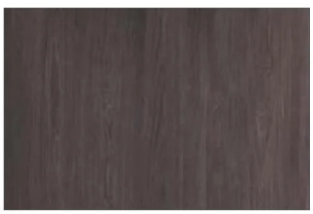


Dusk Pine* 4513

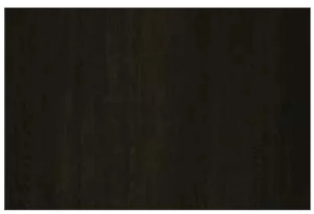
Daybreak collection



Lakefront Elm 2633L



East Elm 4548



Mountain Oak 2636L

* Color will be phased out in 2023

Finished door & component options

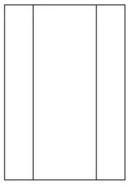
Profile specifications	
Appearance	Natural wood
Door style	Slab, siena and shaker
Design style	Modern, transitional
Construction	PVA laminated face and back, REHAU LaserEdge
Shaker stiles and rails	3 in (76.2 mm), custom widths also available
Siena stiles	3 in (76.2 mm)
Face material	Deep embossed HPL, multiple colors
Back material	Deep embossed HPL, matching color
Edgeband	REHAU LaserEdge, matching color
Core	MDF or particle board
Grain direction	Choose vertical or horizontal
Board thickness	3/4 in (19.5 mm)

Cabinet door size parameters	
Minimum slab	3 x 5 in (76.2 x 127 mm)
Maximum slab	50 x 119 in (1270 x 3022.6 mm)
Minimum shaker	8-7/8 in W x 11 in H (225.4 mm W x 279.4 mm H)
Maximum shaker	30 in W x 65 in H (762 mm W x 1651 mm H)
Minimum siena	11 in W x 6 in H (152.4 mm W x 279.4 mm H)
Maximum siena	50 in W x 60 in H (1270 mm W x 1524 mm H)

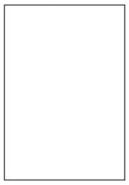
Edgebanding profile	
Top edge	1.0 mm radius
Bottom edge	1.0 mm radius
Edgeband finish	Textured, color matched

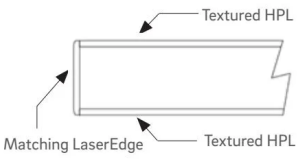
Accessory products	
1/4 in. thick components	Cut-to-size with raw edges
Integrated handle	1-17/64 and 5/64 in (32 and 2 mm)
Floating shelves	22 to 96 in (558.8 to 2438.4 mm) wide

Siena profile

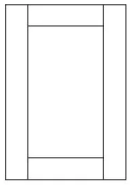


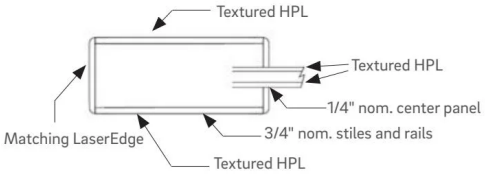
Slab profile





Shaker profile





Material options

Board specifications	
Construction	PVA laminated face and back
Face material	Deep embossed HPL, multiple colors
Back material	Deep embossed HPL, multiple colors
Core	MDF or particle board
Size	51 x 120 in x 19.5 mm

Laminate specifications	
Construction	Deep embossed HPL, multiple colors
Material	HPL
Size	51 x 120 in x 0.9 mm

Edgebanding options	
ABS	15/16 in x 1.0 mm x 600 ft
ABS LaserEdge	15/16 in x 1.2 mm x 600 ft
ABS	43 x 1.0 mm x 100 M

Features & benefits

- Soft touch finish
- Deeply textured wood look and feel
- Impact, chip, fingerprint and scratch resistant
- No painting or staining required
- Resistance to deterioration
- Double-sided finished panel or cabinet door
- Matching floating shelves

Cleaning and care
Clean with a damp microfiber cloth and mild soap if needed. While the matte textured surface is scratch resistant, it should never be dry-wiped. Solvent-based cleaners and harsh chemicals should be avoided. Do not use brushes or scouring pads. REHAU is not responsible for any damage done by abrasive cleaning products or procedures.

Protective coat
There is no protective peel coat on RAUVISIO terra products.

na.rehau.com/terra

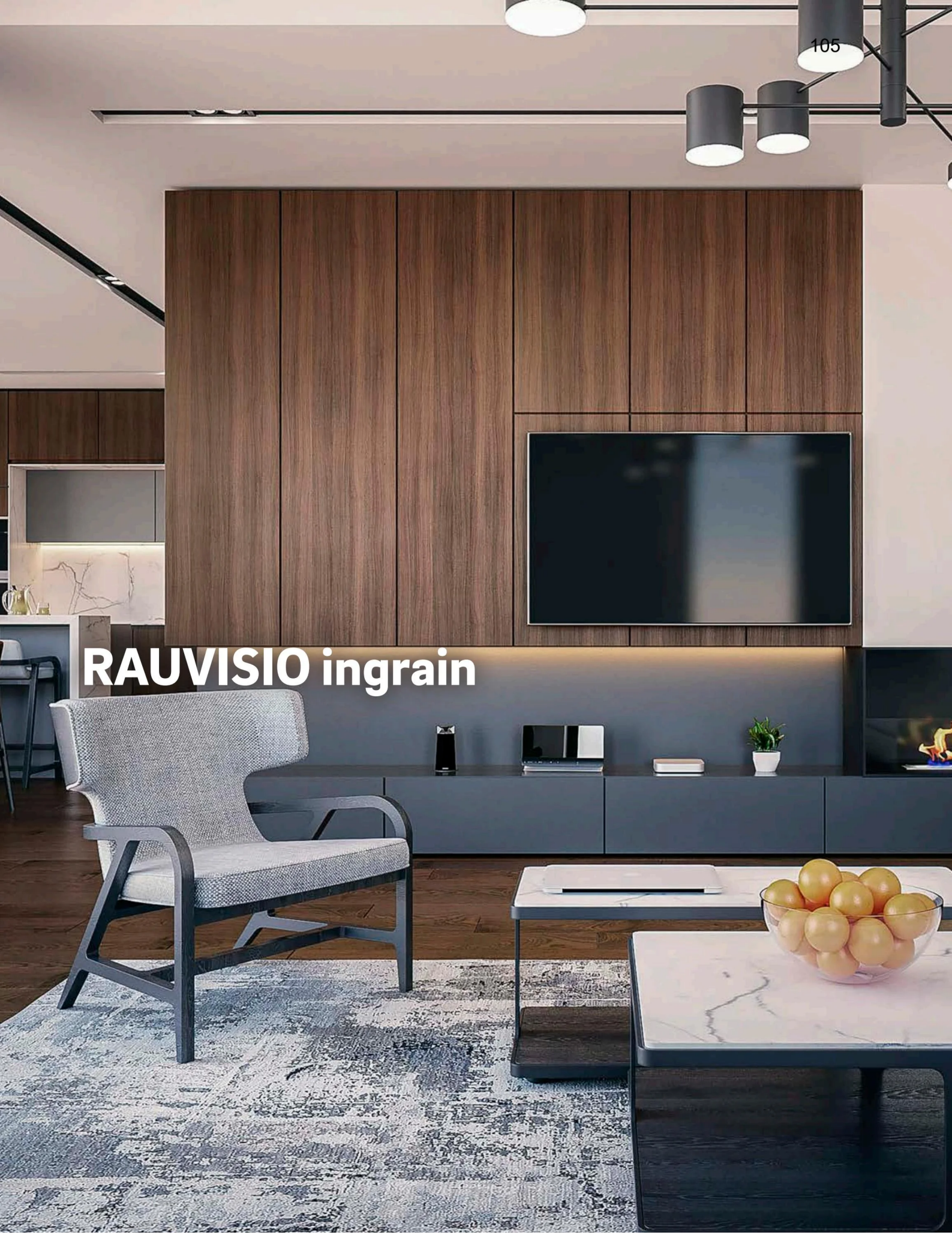
Material properties & performance

Visual characteristics	Test standard	Requirements	Result
Surface	AMK-MB-009, 09/2012	Uniform surface, no defects visible from 0.7m	Pass
Lightfastness	DIN EN ISO 4892-2 Art B (behind window glass)	Assessment according to blue scale	≥ Level 6
	Assessment according to DIN EN ISO 105 A02	Assessment according to blue scale	≥ Level 4

Surface properties			
Chemical resistance	DIN 68861/T1	High-gloss: 1A Matte: 1B	1B
Resistance to surface wear	EN 438-2.10	Initial point	Initial point: > 200 rev Wear value: > 350 rev
Performance in dry heat	EN 438-2.16	-	≥4
Performance in moist heat	68861/T8/ DIN EN 12721	Stress group min: 8B	≥4
Performance in water vapor	DIN 438-2.14	Level 5: No changes	≥4
Impact resistance large diamter ball	EN 438-2.21	Drop height Indentation diameter	11 kJ/m2
Linear thermal coefficient of expansion	IOS 11359-2	'-40C….+20C +10C….+40C +20C….+80C	Longitudinal: < 0.55% Transverse: < 1.05%

Material properties			
Top laminate raw density	DIN EN 323	-	1.35g/cm3
Fire behavior	DIN 4102/1	-	Standard: Class B Fire resistant: Class A
Flame spread index	ASTM E84	Class A: 0-25 Class B: 26-75 Class C: 76-250	Standard: 45 Fire resistant: 0
Smoke developed index	ASTM E84	Class A, B, C: 0-450	Standard: 80 Fire resistant: 35
Formaldehyde emissions	EN 622 and TSCA Title VI	Class E1: < 0.09 PPM TSCA: < 0.11 PPM	E1/CARBII/TSCA Title VI

Environmental			
FSC Certification	-	-	FSC Controlled Wood
Phenol	EN ISO 16000-9	Phenol content in resin	Phenol free
Indoor air comfort - Ultra low VOC	RAL-GZ 430	Less than 3 mg/m^3 TVOC after 3 days, less than 0.4 mg/m^3 after 28 days	Pass (0.0mg/m^3)



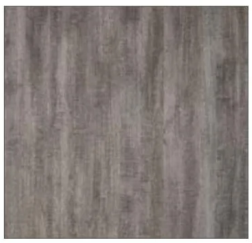
RAUVISIO ingrain

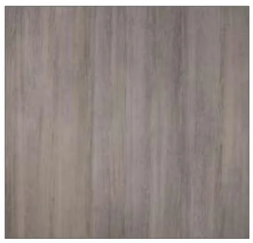
Seek out pattern.

We have been mesmerized by patterns, colors and textures since our most primitive days. Our mind is hardwired to seek patterns so that we can make sense of the world by creating categories for things: Harmful or helpful? Dangerous or safe? Appealing or unappealing? Once we have categorized something and found it to be more than agreeable, we want to make it ours and share it with others.

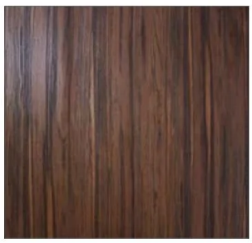
While many have tried to replicate wood, **RAUVISIO ingrain** delivers, exceptionally. Harness the power of this precise etching technology and its capacity to span a wide range of applications to create captivating natural spaces. From door to wall to ceiling, **RAUVISIO ingrain** captures the light, contrast and grain pattern in such high definition that it demands a second, even third glance. Take your peacocking to the next level: Pick one of our 15 hyper-realistic colors in this exclusive finish.

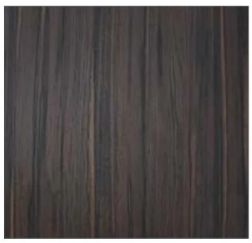
Timeless collection


Heirloom Oak 1318


Windswept Pine 1824


Steel Oak 1349

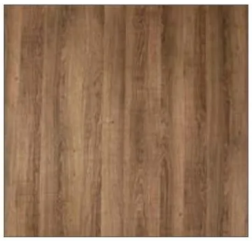

Acacia Oak 1343

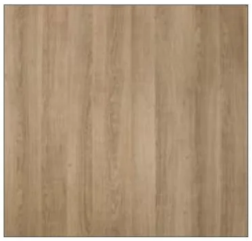

Roasted Oak 1345

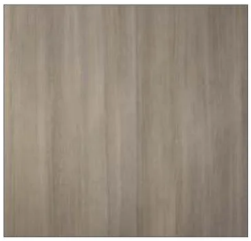
Horizon collection


Seaside Pine 1823

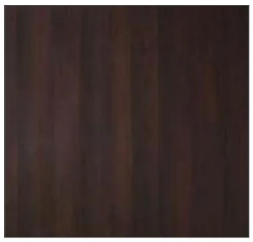

Milestone Maple 1502

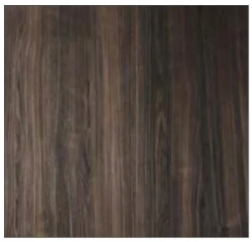

Nomad Oak 1338

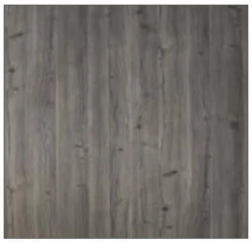

Honeycomb Oak 1348


Sunlit Pine 1827

Atmosphere collection


Cognac Pine 1826


Whispering Walnut 1125


Dawning Ash 1509


Bourbon Teak 1831


Charred Ebony 1960

Finished door & component options

Profile specifications	
Appearance	Wood veneer
Door style	Slab and shaker *(*shaker coming Spring 2023)*
Design style	Modern, contemporary
Construction	PUR laminated face and back, REHAU LaserEdge
Face material	Wood fiber laminate, multiple colors
Back material	Wood fiber laminate, matching color
Edgeband	Duo-gloss REHAU LaserEdge, matching color
Core	Particle board
Grain direction	Choose vertical or horizontal
Board thickness	3/4 in (19.5 mm)

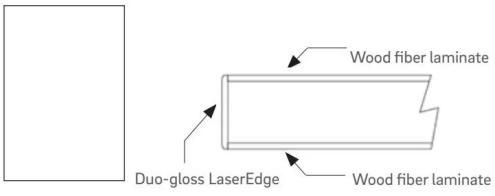
Cabinet door size parameters	
Minimum slab	3 x 5 in (76.2 x 127 mm)
Maximum slab	48 x 119 in (1220 x 3022.6 mm)
Minimum shaker*	8-7/8 in W x 11 in H (225.4 mm W x 279.4 mm H)
Maximum shaker*	30 in W x 65 in H (762 mm W x 1651 mm H)

Edgebanding profile	
Top edge	1.0 mm radius
Bottom edge	1.0 mm radius
Edgeband finish	Duo-gloss, color matched

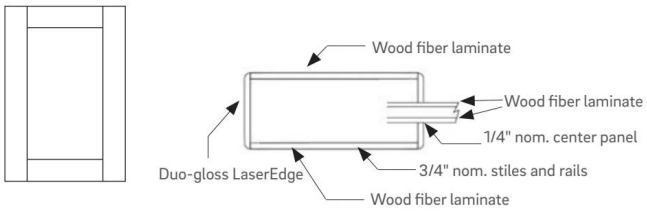
Accessory products	
PSA laminate	24 x 96 in (609.6 x 2438.4 mm)
1/4 in. thick components*	Cut-to-size with raw edges
Integrated handle	1-17/64 and 5/64 in (32 and 2 mm)

RAUVISIO ingrain is designed for vertical applications, however it can be used in light-duty horizontal applications.
It cannot be used for worktops, countertops, in bathrooms or other humid areas.

Slab profile



Shaker profile*



Material options

Board specifications	
Construction	PUR laminated face and back
Face material	Wood fiber laminate, multiple colors
Back material	Wood fiber laminate, multiple colors
Core	Particle board
Size	49 x 121 in x 19.5 mm

Edgebanding options	
ABS	15/16 in x 1.0 mm x 600 ft
ABS LaserEdge	15/16 in x 1.2 mm x 600 ft
ABS	43 x 1.0 mm x 100 M

Features & benefits

- High-definition print
- 3x thicker than melamine
- High-performing, sustainable surface
- Made of natural cellulose fibers
- Free of melamine resins, formaldehyde, phenol and solvents
- Double-sided finished panel or cabinet door

Cleaning and care
Clean with a cotton dish towel and mild soap if needed. Avoid abrasive cleaners, solvent-based cleaners and harsh chemicals. Do not use brushes or scouring pads. REHAU is not responsible for any damage done by abrasive cleaning products or procedures.

Protective coat
There is no protective peel coat on RAUVISIO ingrain products.

na.rehau.com/ingrain

Material properties & performance

	Test standard	Requirements	Result
Visual characteristics			
Lightfastness	DIN EN ISO 4892-2 Art B (behind window glass)	Assessment according to blue scale	≥ Level 6
	Assessment according to DIN EN ISO 105 A02	Assessment according to blue scale	≥ Level 4
Surface properties			
Scratch-resistance	DIN 68861/T4	-	D/C result, per UNI EN 15186:2012, method B
Micro-scratch resistance	IHD-W-466 (Art. A)	-	Abrasion Resistance: D/C result, per UNI EN 15185:2011
Performance in dry heat	68861/T7/ DIN EN 12722 DIN CEN TS 16209	Stress group min: 7D Class C	C/A result, per EN 12722:2013
Performance in moist heat	68861/T8/ DIN EN 12721	Stress group min: 8B	C/B result, per EN 12721:2013
Material properties			
Fire behavior	DIN 4102/1	-	B2 (normal combustibility)
Formaldehyde emissions	EN 622 and TSCA Title VI	Class E1: < 0.09 PPM TSCA: < 0.11 PPM	E1/CARBII/TSCA Title VI
Environmental			
FSC Certification	-	-	FSC Controlled Wood is available ICILA-COW-002600
Phenol	EN ISO 16000-9	Phenol content in resin	Phenol free
Indoor air comfort - Ultra low VOC	RAL-GZ 430	Less than 3 mg/m^3 TVOC after 3 days, less than 0.4 mg/m^3 after 28 days	Class A+
	UNI EN ISO 16000-9:2006 + ISO 16000-6:2011	Less than 5 µg/m^3 Total Volatile Organic Compounds	Class A+


RAUVISIO ferro

Everlasting colors.

From the rings around our fingers to the ways we get to our favorite places, metals have shaped our lifestyles. As our knowledge of smelting grew, we were able to create stronger, more durable metals. The humble origins of metals and the emergence of master metalsmiths have allowed for us to continue to enjoy all the ways metals bring refinement, elegance and value into our lives. When we wed, those pieces of metal exchanged, forged in smoldering flame, represent something everlasting and eternal. From antiquity to modernity, metals have shaped our way of living at every turn. By building on this rich history of metals, **RAUVISIO ferro** adds elegant timeless touches to interiors.

Select from colors that represent the immortal. **RAUVISIO ferro** colors each denote a period in time that is fused intrinsically with our advancement as a modern society. Weigh in on the smooth and stately colors that transport you from carriage to car in the blink of an eye.



Metro Motion 2264L



Empire Skyline 2266L



Aegean Anchor 2263L



Gilded Arrow 2265L

Finished door & component options

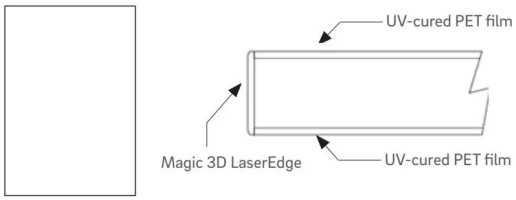
Profile specifications	
Appearance	Metal
Door style	Slab
Design style	Modern, contemporary
Construction	PUR laminated PET face and back, REHAU LaserEdge
Face material	UV-cured PET, multiple colors
Back material	UV-cured PET, matching color
Edgeband	REHAU LaserEdge, matching color
Core	Super-refined MDF
Board thickness	23/32 in (18.4 mm)

Cabinet door size parameters	
Minimum	3 x 5 in (76.2 x 127 mm)
Maximum	47 x 109 in (1193.8 x 2768.6 mm)

Edgebanding profile	
Top edge	1.0 mm radius
Bottom edge	1.0 mm radius
Edgeband finish	Magic 3-D LaserEdge, color matched

Accessory products	
Integrated handle	1-17/64 and 5/64 in (32 and 2 mm)

Slab profile



Material options

Board specifications	
Construction	PUR laminated PET face and back
Face material	UV-cured PET, multiple colors
Back material	UV-cured PET, multiple colors
Core	Super-refined MDF
Size	48 x 110 in x 18.4 mm

Edgebanding options	
PMMA	23 x 1.0 mm x 100 M
PMMA LaserEdge	23 x 1.2 mm x 100 M

Features & benefits

- Soft touch finish
- Fingerprint, impact and scratch resistant
- Mold resistant
- Stain resistant
- Solid PET with no delamination
- Double-sided finished panel or cabinet door

Cleaning and care
Clean with a damp microfiber cloth and mild soap if needed. Avoid abrasive cleaners, solvent-based cleaners and harsh chemicals. Do not use paper towels, brushes or scouring pads. REHAU is not responsible for any damage done by abrasive cleaning products or procedures.

Protective coat
A protective peel coat is applied to the top and bottom surfaces. Do not expose peel coat to direct sunlight before removal. Remove promptly after installing cabinet but prior to mounting decorative hardware. To remove peel coat, use rubber fingertips or our peel coat removal tool.

na.rehau.com/ferro

Material properties & performance

Visual characteristics	Test standard	Requirements	Result
Color	AMK-MB-009, 09/2011	No significant changes	Pass
Surface	AMK-MB-009, 09/2012	Uniform surface, no defects visible from 0.7m	Pass
Lightfastness	DIN EN ISO 4892-2 Art B (behind window glass)	Assessment according to blue scale	≥ Level 6
	Assessment according to DIN EN ISO 105 A02	Assessment according to blue scale	≥ Level 4

Surface properties			
Chemical resistance	EN 12720	-	5
Scratch-resistance	DIN 68861/T4	-	4F
Micro-scratch resistance	IHD-W-466 (Art. A)	High-gloss: Class 1	DIN CEN TS 1611 process A: 8% change in gloss level. Process B: Class 4
Resistance to surface wear	EN 438-2.10	Initial point	Class 4
Performance in dry heat	68861/T7/ DIN EN 12722 DIN CEN TS 16209	Stress group min: 7D Class C	7B 140C
Performance in moist heat	68861/T8/ DIN EN 12721	Stress group min: 8B	8A 100C

Material properties			
Fire behavior	DIN 4102/1	-	B2 (normal combustibility)
Flame spread index	ASTM E84	Class C: 76-250	185
Smoke developed index	ASTM E84	Class A, B, C: 0-450	170
Formaldehyde emissions	EN 622 and TSCA Title VI	Class E1: < 0.09 PPM TSCA: < 0.11 PPM	E1/CARBII/TSCA Title VI

Environmental			
Indoor air comfort - Ultra low VOC	RAL-GZ 430	Less than 3 mg/m^3 TVOC after 3 days, less than 0.4 mg/m^3 after 28 days	Pass (0.0mg/m^3)
REACh	(EG) 1907/2006 (REACh) Article 33	Contains less than 0.1% of any "substances of very high concern"	Pass
RoHS	2011/65/EU (RoHS), appendix II (including amendment 2015/863/EU 31MAR2015)	Contains no restricted substances	Pass



© Ryan Dyer Photography 2022, Minneapolis, MN





Door options

Slab doors



Our slab doors are constructed of ¾" thick RAUVISIO panels (varies by surface line) with REHAU LaserEdge on all four sides.

Options also include:
- slab doors
- drawer fronts
- base, tall and wall cabinet end panels
- toe kicks, filler panels and light rails (minimum 3" wide)

Edgebanded options
You can have all four sides of your component finished with edgeband, or only the sides of your choice.

Offered in all RAUVISIO lines

Siena doors



Our siena doors are constructed of three ¾" thick RAUVISIO panels assembled with REHAU LaserEdge on all four sides. For RAUVISIO terra, the two sides (stiles) will be vertical grain and the center piece will be horizontal grain.

Offered in RAUVISIO noir and RAUVISIO terra

Shaker doors



Our shaker doors are constructed of five separate RAUVISIO panels assembled with REHAU LaserEdge on all four sides. The 3" wide frame (stiles and rails) consists of ¾" thick material and the center panel consists of 5/16" thick material. Maximum warrantied size is 30 in W x 65 in H (762 mm W x 1651 mm H), any height over 48 in (1219.2 mm) requires a center rail.

Offered in RAUVISIO brilliant, RAUVISIO noir, RAUVISIO shade, RAUVISIO terra and RAUVISIO ingrain

Custom option
The custom option allows you to choose the following:
- custom widths for each stile and rail
- multiple panels high or wide
- custom widths for horizontal middle rail or vertical middle stiles (when choosing multiple panels)

Offered in RAUVISIO brilliant, RAUVISIO noir, RAUVISIO shade, RAUVISIO terra and RAUVISIO ingrain

Glass insert option - *Available Spring 2023*
Add a pre-installed ¼" thick tempered glass center in clear or frosted glass to the finished door.

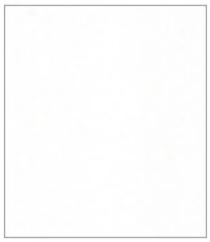
Offered in RAUVISIO brilliant, RAUVISIO noir, RAUVISIO shade, RAUVISIO crystal, RAUVISIO terra and RAUVISIO ingrain

Left: RAUVISIO terra Vineyard Oak
© DouglasCabinetDesign.com Huntington Beach, CA



Integrated handles

REHAU integrated handles personally suit each door or drawer front. With accentuated modern lines and unique streamlined styles, our handles are the perfect final touch to creative cabinet designs.

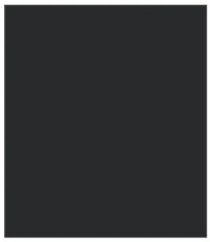

NEW! Matte White


NEW! Matte Gold


Matte Silver


Matte Champagne

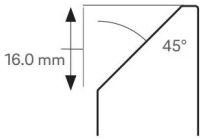

Matte Anthracite

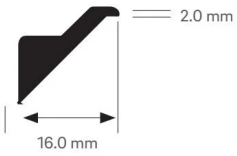

Matte Black

New colors available Spring 2023

Hidden recessed 2 mm

The 2 mm REHAU integrated handle is almost invisible and combines exceptionally well with a flat profile, and also designed for upper cabinets doors.

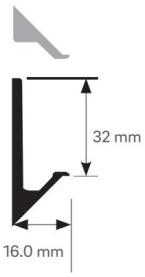


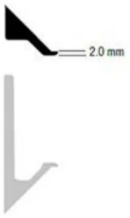



RAUVISIO noir Olive Detour with Matte Champagne integrated handles
Left: J Channel 32 mm; Right: Hidden recessed 2 mm

J Channel 32 mm

The 32 mm REHAU integrated handle features a visible channel.





Handle specifications	
Appearance	Recessed profile (2 mm) or J channel (32 mm)
Material	Anodized aluminum, multiple colors
End caps	Color matched

Size parameters	
Minimum length	6 in (152.4 mm)
Maximum length	59 in (1498.6 mm)

Left: RAUVISIO terra Mission Maple with Matte Silver integrated handles and RAUVISIO brilliant Meringa



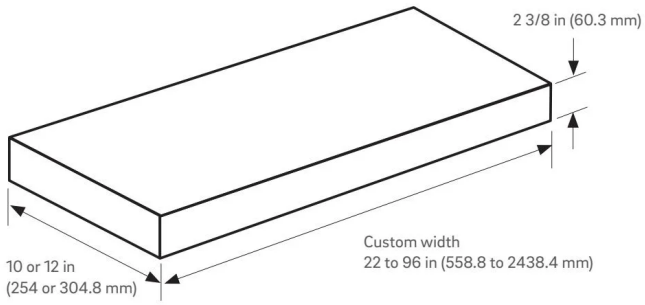
Floating shelves

REHAU floating shelves are an elegant way to expand storage for everything from dishes and small appliances to decorative objects, while complementing the clean, no-hardware design of modern cabinets.

Floating shelf kit
REHAU provides a complete floating shelf kit that includes all brackets and hardware needed to install on a typical residential interior wall (2 x 4 in. wall studs 16 in. O.C. behind drywall).

Each floating shelf kit includes:
- Floating shelf
- Brackets
- Mounting/location block
- Foam block insert
- Hardware
- T25 bit for rugged structural screws
- Installation instructions

Required for installation (not included):
- Cordless drill/driver
- Level
- Pencil
- Wall stud finder



Applications
REHAU floating shelves are designed to use in any room for a sleek minimalistic storage option. They must be installed on a typical residential interior wall with studs.

Cleaning and care
Clean with a damp microfiber cloth and mild soap if needed. Avoid abrasive cleaners, solvent-based cleaners and harsh chemicals. Do not use paper towels, brushes or scouring pads. REHAU is not responsible for any damage done by abrasive cleaning products or procedures.

Protective coat
Depending on the surface, a protective peel coat may be applied to the top and bottom of the floating shelf. Do not expose peel coat to direct sunlight before removal. Remove promptly after installing the floating shelf. To remove peel coat, use rubber fingertips or our peel coat removal tool.

Specifications	
Depth	10 or 12 in (254 or 304.8 mm)
Thickness	2 3/8 in (60.3 mm)
Width	22 to 96 in (558.8 to 2438.4 mm)
Material	RAUVISIO brilliant, RAUVISIO noir, RAUVISIO terra
Core	MDF or particle board

Left: RAUVISIO terra Whiskey Oak floating shelves



Edging Solutions



Cleaning overview

Surface	General cleaning	Dish soap diluted with water	Strong solvents	Other acceptable cleansers
RAUVISIO brilliant	Only use microfiber cloths, no harsh chemicals or abrasives	Okay for use	Do not use	None
RAUVISIO noir	Most cleansers, disinfectants and solvents are okay for use	Okay for use	Okay for use	Simple Green, ethanol, isopropyl alcohol
RAUVISIO shade	No harsh chemicals, abrasives or high acid content cleansers	Okay for use	Do not use	Window cleaner diluted with water
RAUVISIO crystal	Only use microfiber cloths, no harsh chemicals, strong solvents or corrosive abrasive cleanser	Okay for use	Do not use	Simple Green, ethanol, isopropyl alcohol
RAUVISIO terra	Most cleansers, disinfectants and solvents are okay for use	Okay for use	Okay for use	None
RAUVISIO ingrain	No harsh chemicals, abrasives or high acid content cleansers	Okay for use	Do not use	None
RAUVISIO ferro	No harsh chemicals, abrasives or high acid content cleansers	Okay for use	Do not use	Window cleaner diluted with water

Surface options overview

Surface	Board size	Slab doors	Shaker doors	Siena doors	1/4" panel cut-to-size	3/4" panel cut-to-size	Laminate sheets	Floating shelves	Integrated handles	Full 3/4" panel	Full 1/4" panel
RAUVISIO brilliant	1300 x 2800 x 19.6 mm 51 x 110 x 3/4 in	•	•		•	•	•	•	•	•	
RAUVISIO noir	1300 x 3050 x 19.5 mm 51 x 120 x 3/4 in	•	•	•	•	•	•	•	•	•	•
RAUVISIO noir compact	1300 x 3050 x 12 mm 51 x120 x 15/32 in										12 mm
RAUVISIO shade	1220 x 2800 x 19.5 mm 48 x 110 x 3/4 in	•	•		•	•				•	
RAUVISIO crystal	1300 x 2800 x 19 mm 51 x 110 x 3/4 in	•	frame only			•	•		•	•	
RAUVISIO crystal Mirror	1220 x 2400 x 19 mm 48 x 96 x 3/4 in	•				•			•	•	
RAUVISIO crystal slim	1300 x 2800 x 4 mm 51 x 110 x 5/32 in										4 mm
RAUVISIO terra	1300 x 3050 x 19.5 mm 51 x 120 x 3/4 in	•	•	•	•	•	•	•	•	•	•
RAUVISIO ingrain	1245 x 3073 x 19.5 mm 49 x 121 x 3/4 in	•	•		•	•	PSA		•	•	•
RAUVISIO ferro	1220 x 2800 x 18.4 mm 48 x 110 x 3/4 in	•				•			•	•	

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ELEVATE LIFE

100% Acrylic Solid Surface

BENEFITS

- Versatile
- Seamless
- Eco-Friendly
- Non-Porous
- Hygienic
- Easy to Maintain
- Stain Resistant
- Heat Resistant
- Scratch Resistant
- Durable
- Renewable

COLOR CHART

Select Colors are made in The United States

CASCADE BEIGE CC004 *	CASCADE BLACK CC006 *
CASCADE CREAM CC002 *	CASCADE GREY CC003 *
CASCADE ICE CC001 *	CASCADE WHITE CC005 *
VENATO CHAMPAGNE VM-004 *	VENATO STELLA VM-005 *
VENATO SNOW VM002 *	VENATO SPARKLE VM001 *
NEO WHITE HL003	ULTRA WHITE S101
ALASKA HL055	WHITE HL001
CLARA SL101 *	HELSINKI B031
SOLARIS P004 *	NUBLADO ST103 *
GRENICIO ST106 *	OSLO WHITE B012
ATHENA QAD051	EP WHITE S104
ZEPHYR D050	RICECOOKIE T068
BIANCO CLASSICO ST302 *	NANTUCKET D101 *

** COLORS MAY VARY SEE SAMPLES

* LARGE SCALE MOVEMENT

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Hanex Solid Surfaces
ELEVATE LIFE

VOLARE ST303 *
MIST HL027
TOFFEE CRUNCH T500
MARELINHO ST102 *
WHEAT FIELD T101
OMEGA GAD050
HIDDEN GLEN T102
SEASHORE D102
EP SAND S105
SEAWAY BL204 *
MOUNTAIN FROST BL256 *
H-CLOUDY HL048
AMBER HL038
COCA VINE T104
YURI GREY RE005
SLATE GREY BL206 *

N-ORANGE M005
METAL GREY P002
GREY S006
SILVERSTONE HL021
HAVANA SAND HL703
ROMANO ST201 *
IVORY HL002
COLDSTONE T098
HELENA GAD052
SANDBANK HL028
CARAMEL DRIZZLE ST205 *
MERINO GREY B036
STEEL S022
GAIA GAD053
M-BLACK M007
ECLIPSE HL039

RHAPSODY D105

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Hanex Price Groups 2023

SIZE 30" X 144" 1/2" THICK

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HL - 003	*NEO WHITE
HL - 001	*WHITE
HL - 039	*ECLIPSE
HL - 055	*ALASKA

NEO WHITE ALSO AVAILABLE IN 60" X 144"

GROUP 1

S - 014	AQUEOUS LIMITED STOCK
S - 108	*EMPIRE LIMITED STOCK
S - 105	EP SAND
S - 104	*EP WHITE
S - 006	*GREY
S - 013	HYDRA LIMITED STOCK
HL - 002	IVORY
M - 007	*M-BLACK
M - 005	N-ORANGE
M - 006	N-YELLOW LIMITED STOCK
S - 022	*STEEL
S - 101	*ULTRA WHITE

GROUP 2

HL - 023	*GOLD BROWN LIMITED STOCK
P - 002	METAL GREY
HL - 027	*MIST
D - 105	*RHAPSODY
HL - 028	SANDBANK
D - 102	SEASHORE
P - 004	SOLARIS
RE - 05	*YURI GREY

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GROUP 3

USA	HL - 038	*AMBER		T - 229	*IVY STAR LIMITED STOCK
	HL - 601	CHESTNUT LIMITED STOCK		D - 101	*NANTUCKET
USA	T - 104	*COCOA VINE		T - 068	*RICE COOKIE
USA	T - 098	*COLDSTONE		T - 102	HIDDEN GLEN
USA	HL - 607	COTTENWOOD LIMITED STOCK	USA	HL - 021	*SILVERSTONE
	T - 501	EP HAMPTON LIMITED STOCK		T - 500	*TOFFEE CRUNCH
USA	HL - 604	*HAZELNUT LIMITED STOCK		T - 212	UNICON LIMITED STOCK
USA	HL - 048	*H-CLOUDY	USA	T - 101	*WHEATFIELD

GROUP 4

	GAD - 051	ATHENA
	GAD - 053	*GAIA
USA	HL - 703	*HAVANA SAND
	GAD - 052	*HELENA
USA	B - 031	*HELSINKI
USA	B - 036	*MERINO GREY
	GAD - 050	*OMEGA
USA	B - 012	*OSLO WHITE

GROUP 5

ST - 302	BIANCO CLASSICO	ST - 204	*MARRON LIMITED STOCK
ST - 205	CARAMEL DRIZZLE	ST - 105	MORENO LIMITED STOCK
CC - 004	*CASCADE BEIGE	BL - 256	*MOUNTIAN FROST
CC - 006	*CASCADE BLACK	ST - 103	*NUBLADO
CC - 002	*CASCADE CREAM	ST - 201	*ROMANO
CC - 003	*CASCADE GREY	BL - 204	*SEAWAY
CC - 001	*CASCADE ICE	BL - 205	*SEDIMENTARY LIMITED STOCK
CC - 005	*CASCADE WHITE	BL - 206	*SLATE GREY
ST - 101	*CLARA	BL - 017	TWISTER LIMITED STOCK
ST - 106	*GRENICIO	ST-303	VOLARE
ST - 102	*MARELINHO		

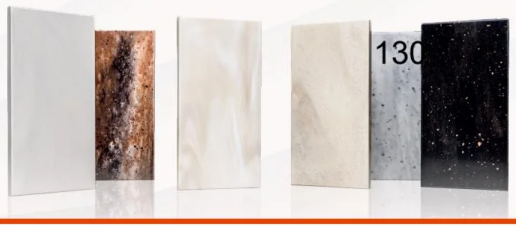
GROUP 6

VM - 004	*VENATO CHAMPAGNE
VM -002	*VENATO SNOW
VM -005	*VENATO STELLA
VM -001	*VENATO SPARKLE

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Hanex® Solid Surfaces



Hanex®
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CARE & MAINTENANCE INFORMATION

Unlike other surfacing materials which are produced by laminating or coating, acrylic solid surface is non-porous and solid through the entire material. These features make Hanex® Solid Surfaces virtually maintenance free and reparable. To ensure long lasting beauty, follow these guidelines to prevent damages and care for your investment.

Everyday Cleaning

- Wipe clean with a damp cloth or sponge
- Basic stains: Clean with mild detergents or general purpose cleaners
- Periodically go over entire surface with an abrasive cleanser or wet white Scotch Brite™ pad to maintain a uniform appearance

Heat Damage

- The innate feature of Hanex® Solid Surfaces gives it excellent heat resistant properties compared to other surfacing materials in the market. However, to prevent any damages from heat, never place hot items directly on Hanex® Solid Surfaces. Always use trivets with rubber feet when placing hot items on the countertop. Remember, placing hot pans or heat-generating appliances directly on Hanex® Solid Surfaces may cause damages to your countertop. Avoid direct and indirect heat with temperatures over 80˚C (170˚F)

Chemical Damages

- Avoid strong chemicals that can cause damages to your surfaces such as oven cleaners, acetone, paint removers and others. If exposed, promptly flush with water. Remember, prolonged contact with harsh chemicals can cause serious damage to your countertop

Simple Steps to Avoid Damages

- Avoid cutting directly on Hanex® Solid Surfaces, use a cutting board
- Never place hot pans directly on the countertop. Even though Hanex® Solid Surfaces can withstand higher temperatures, prolonged or extreme heat could cause permanent damage
- Strong acids, such as those found in drain cleaners, should be flushed with water immediately. Some of these items, when left on the surface may cause whitening, which can be difficult to remove

Removing Persistent Stains

- To remove persistent stains, cigarette burns or scratches: scrub with an abrasive cleaners and green Scotch Brite™ pad
- Deep scratches can be removed by carefully sanding lightly with 120 grit sandpaper, followed by 220 grit and finishing with 320 grit sandpaper. Complete by rubbing the surface with a wet, green Scotch Brite™ pad in a circular motion to restore the finish
  Note: Different methods can be used depending on the finish
- For deep scratches and/or other damages which may require expert repair, please contact your authorized and certified Hanex® Solid Surfaces fabricator

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Create the perfect panel for your project!

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*Best Seller

- Fiber Enforced
- Ultra Lightweight
- Moisture Resistant
- Stain Resist & Impact Resistant
- Class A Fire Rated - Also Available without fire rating
- Textured or Smooth

Sizes

- 1/4" Thick
- Standard: 4'x8' & 5'x8'
- Custom up to 9'x40' available

Flexible Vinyl - FPVC

*Works with Schluter Trims

- Not Fire Rated
- Moisture Resistant
- Great for backsplashes
- Textured or Smooth

Sizes

- 3/8" Thick
- 4'x8', 9', or 10'
- 5'x8', 9' or 10'

Palclad Pro PVC

*Budget Friendly

- Moisture Resistant
- Design Friendly Alternate to FRP Panel
- Textured to Match Pattern
- Textured or Smooth

Sizes

- 1/8" Thick
- 4'x8'

Engineered Marble

- High Wear Resistant
- Great alternate to tile or slabs
- Textured or Smooth

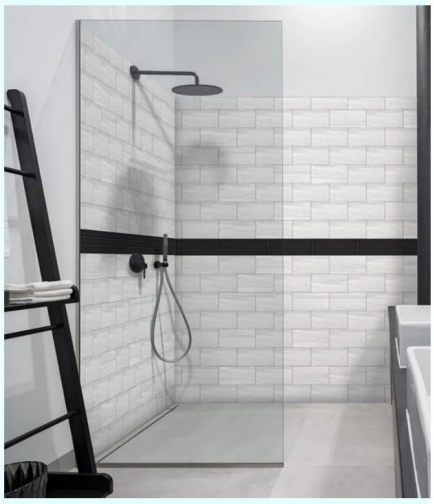
Sizes

- 3/8" Thick
- 5'x8'

All Suitable for Shower Walls

APPLICATIONS

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- Locker Rooms
- Healthcare Applications
- Plus many more!



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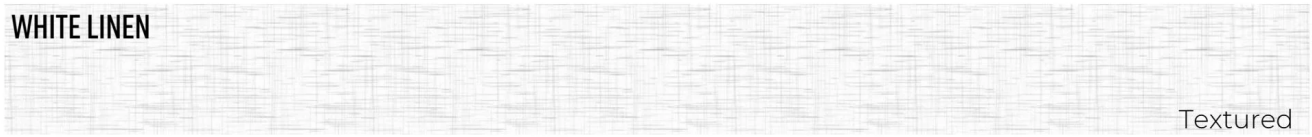
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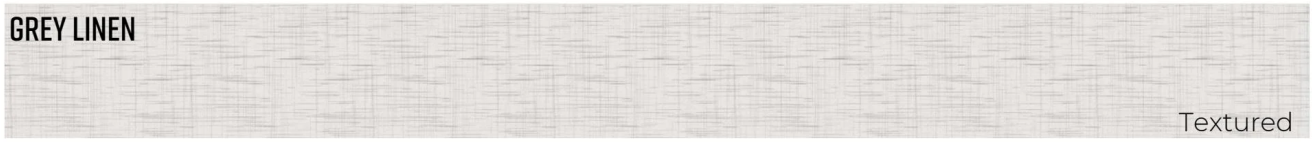
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11 Pr PremiumRock 20/117,314

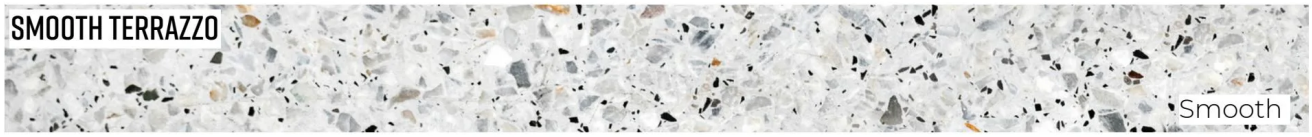
STANDARD COLORS

Abstracts & Tile



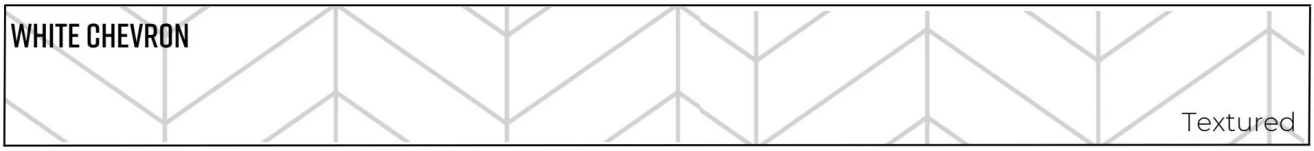


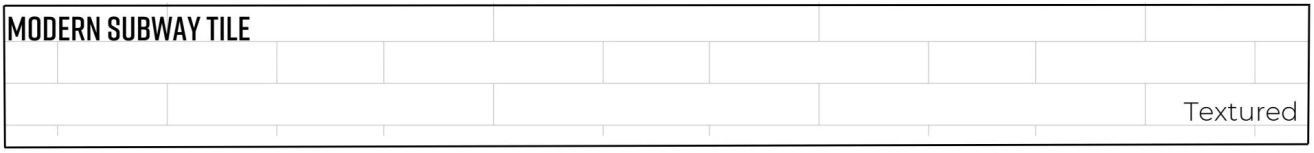












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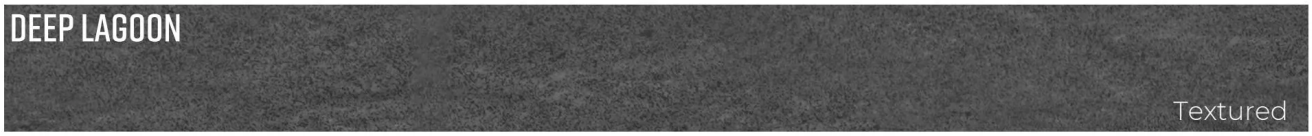
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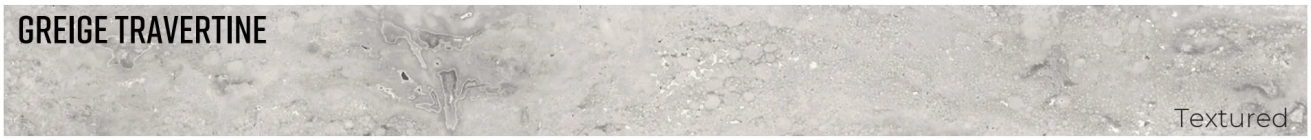
STANDARD COLORS

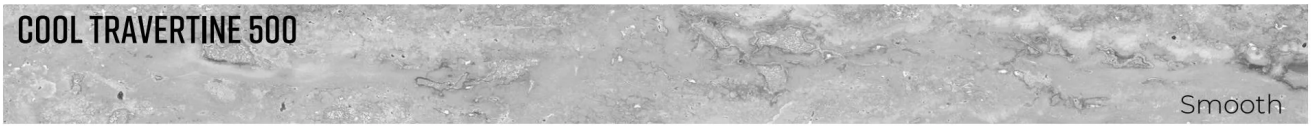
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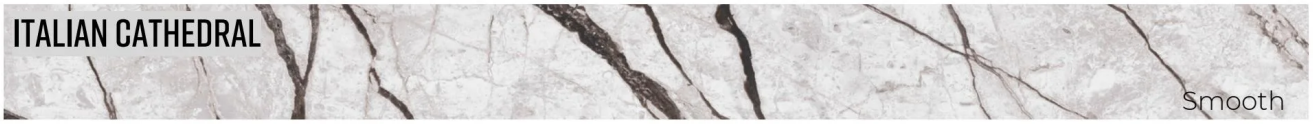












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Wood



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GEMSTONE

Solid Surface Sinks & Shower Pans

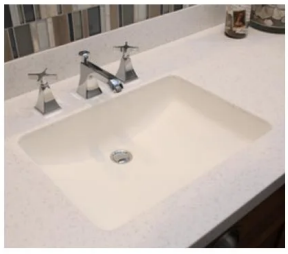
CATALOG











Detailed Specification Sheets and DXF Files are available online at gemstonesinks.com

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DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

Lavatory Bowl Options

Compact Design



1014-V (VO)
I.D.: 14 1/4" x 10" (362 x 254)
Depth 4 1/2"* (114)
(Specify Overflow)

OCT 1215-V (VO)
I.D.: 16 1/4" x 11 7/8"(413 x 302)
Depth 5 1/8"*(131)
(Specify Overflow)

1215-V (VO)
I.D.: 16 1/4" x 11 7/8"(413 x 302)
Depth 5 1/8"*(131)
(Specify Overflow)

C 1316-V
I.D.: 15" x 12 1/2" (352 x 318)
Depth 5 3/4"* (146)
(No Overflow Design Only)

Universal Design



1313-V (VO)
I.D.: 13" Diameter(324)
Depth 5"*(127)
(Specify Overflow)

1414-UV (UVO)
I.D.: 14 3/16" Diameter (360)
Depth 3 3/8"*(85)
(Specify Overflow)

1616-V (VO)
I.D.:15 3/4" Diameter(400)
Depth 5"*(127)
(Specify Overflow)

1812-UV (UVO)
I.D.: 18" x 12 3/4"(457 x 323)
Depth 5"* (127)
(Specify Overflow)

1812-HV (HVO)
I.D.: 18" x 12 3/4" (457 x 323)
Depth 4 1/2"* 114)
(Specify Overflow)

Healthcare Designs



1711-UV (UVO)
I.D.:17 3/4"x10 13/16" (451 x 274)
Depth 5"* (127)
(Specify Overflow)

1512-V (VO-ADA)
I.D.: 15 1/2" x 12 5/8" (394 x 321)
Depth 4 1/4"* (108)
(Side Overflow)

1613-UV (UVO)
I.D.: 16 5/16" x 13" (416 x 330)
Depth 5"* (127)
(Specify Overflow)

1613-HV (HVO)
I.D.: 16 3/8" x 13" (416 x 330)
Depth 5"* (127)
(Specify Overflow)

Rectangle Designs



1514-VR(VOR)
I.D.: 15 1/4" x 13 7/8" (387 x 352)
Depth 5 1/4"* (133)
(Specify Overflow)

1514-VO-ADA
I.D.: 15 1/4" x 13 7/8" (387 x 352)
Depth 5 1/4"* (133)
(Side Overflow)

1514-V-ADA
I.D.: 15 1/4" x 13 7/8" (387 x 352)
Depth 5 1/4"* (133)
(No Overflow)

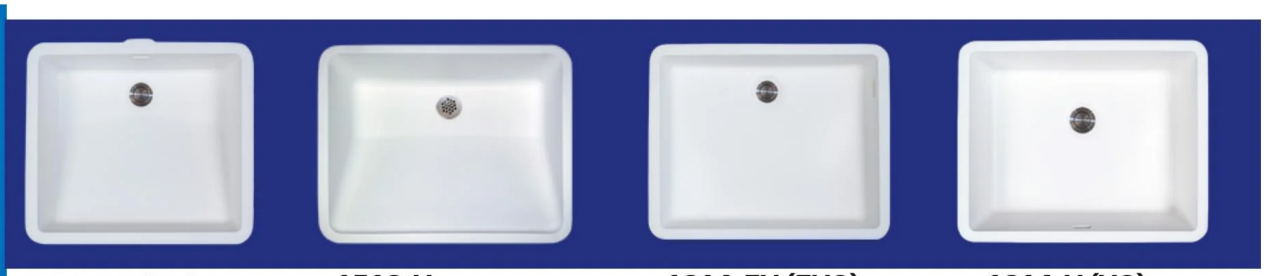
1416-V
I.D.: 14" x 16" (405 x 356)
Depth 5 1/4"* (133)
(No Overflow Design Only)

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Lavatory Bowl Options

Rectangle Designs



1513-V (VO)
I.D.: 15" x 13"(381 x 330
Depth 5"* 127)
(Specify Overflow)

1518-V
I.D.: 15" x 18" (457 x 381)
Depth 5 1/4"* (133)
(No Overflow Design Only)

1814-EV (EVO)
I.D.: 17 3/4" x 14" (450 x 355)
Depth 3 1/8"* (79)
(Side Overflow)

1814-V (VO)
I.D.: 17 3/4" x 14" (450 x 355)
Depth 5"* (124)
(Specify Overflow)

Oval Designs



1410-V (VO)
I.D.: 14 1/4" x 10 5/16" (362 x 262)
Depth 5"* (127)
(Specify Overflow)

1612-V (VO)
I.D.: 15 13/16" x 11 13/16"(402 x 300)
Depth 5"* (127)
(Specify Overflow)

1613-VSO
I.D.: 16 5/16" x 13" (418 x 331)
Depth 5 5/16"* 137)
(Side Overflow)

1914-V (VO)
I.D.: 18 7/8" x 13 5/8" (479 x 346)
Depth 6"* (152)
(Specify Overflow)

Healthcare Designs



1217-V (VO)
I.D.: 17 7/8" x 11 15/16" (454 x 303)
Depth 5 11/16"* (145)
(Specify Overflow)

1712-V (VO)
I.D.: 17 7/8" x 11 15/16" (454 x 303)
Depth 5 11/16"* (145)
(Specify Overflow)

2112-V (VO)
I.D.: 12 5/8" x 21 5/8" (320 x 550)
Depth 5 1/8"* (131)
(Specify Overflow)

Healthcare Designs



L1114-V
I.D.:14"x11"(356 x 279)
Depth 5"* (127)
(No Overflow)

R1114-V
I.D.: 14" x 11"(356 x 279)
Depth 5"* (127)
(No Overflow)

RT1710-V (VO)
I.D.: 15 3/4" x 9 7/8" (400 x 251)
Depth 4 1/2"* (114)
(Specify Overflow)

*WHILE SUPPLIES LAST

STOCK SINKS

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Single Bowl Sink Options

Small Singles



1012-ES
I.D.: 12 1/2" x 10 1/2" (318 x 267)
Depth 6 1/2"* (165)

1016-S
I.D.: 15 3/4" x 10" (400 x 254)
Depth 4 1/8"* (105)

1318-S
I.D.: 15 5/8" x 10 3/4" (397 x 273)
Depth 7"* (178)

1411-ES
I.D.: 14" x 10 3/4" (356 x 273)
Depth 6 3/4"* (171)

1517-S
I.D.: 13 1/4" x 14 1/2" (368 x 337)
Depth 8"* (203)

Grouping Singles



1507-ES
I.D.: 14 3/4" x 6 1/2" (375 x 165)
Depth 5"* (127)

1515-ES
I.D.: 14 3/4" x 14 3/4" (375 x 375)
Depth 8 7/8"* (200)

1815-S
I.D.: 17 5/8" x 14 3/4" (448 x 375)
Depth 8 7/8"* (225)

1524-ES
I.D.: 23 5/8" x 14 3/4" (600 x 375)
Depth 7 7/8"* (200)

1616-S
I.D.: 15 3/4" x 15 3/4" (397 x397)
Depth 8 1/2"* (213)

Medium & Special



N1616-S
I.D.: 15 3/4" x 15 3/4" (400 x 400)
Depth 8 1/2"* (216)

1616-ES
I.D.: 15 3/4" x 15 3/4" (400 x 400)
Depth 11 3/4"*(298)

1616-UES
I.D.: 15 3/4" x 15 3/4" (400 x 400)
Depth 5 1/2"*(140)

1624-UES
I.D.: 23 5/8" x 15 3/4" (600 x 400)
Depth 5 1/2"*(140)

2116-US
I.D.: 20 3/4" x 15 3/4" (527 x 400)
Depth 3"* (76)

Large & Deep Singles



2015-ES
I.D.: 20 3/8" x 15 5/8" (518 x 397)
Depth 8 1/2"* (216)

2318-S
I.D.: 20 3/4" x 15 3/4" (527 x 400)
Depth 9"* (229)

2416-ES
I.D.: 23 5/8" x 15 3/4" (600 x 400)
Depth 11 3/4"* (298)

2615-S
I.D.: 25 3/4" x 14 3/4" (654 x 375)
Depth 7"* (178)
(Drain reversible left or right)

ADA & Large Singles



2716-US
I.D.: 27" x 16" (686 x 406)
Depth 5 1/2"* (140)

2718-S
I.D.: 25 3/4" x 14 3/4" (654 x 375)
Depth 7"* (178)

2818-S
I.D.: 26" x 16" (660 x 406)
Depth 8 3/4"* (222)

3217-ES
I.D.: 32" x 16 3/4" (813 x 425)
Depth 7 7/8"* (200)

STOCK SINKS

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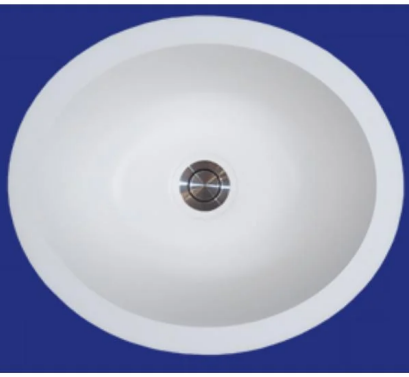
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SURFACE MATERIALS \ CABINETRY \ HARDWARE

Specialty Sink Options

Baby Bath & Dental Sink



2213-V (VO)
I.D.: 22 1/2" x 12 1/2" (572 x 318)
Depth 6 1/8"* (156)
(Specify if Overflow is required)



1311-S
I.D.: 12 3/8" X 10 3/8" (314 x 264)
Depth 5 1/4"* (133)
(2" Drain)

Farm Sink Designs



The FS3019-S can be top mounted, or under mounted on any type of countertop surface. The bottom of the sink allows it to be easily supported for easy installation. The front apron can be trimmed, allowing it to be custom sized to fit any standard drawer front.

FS3019-S
I.D.: 27 3/4" x 16 1/2"(705 x 419)
Depth: 8 3/4"* (222)

Special RV Vanity Drain Designs



RV vanity drain styles are available for all vanity models. Please specify which model and call out the RV drain. The RV drain is a special drain that does not have a pop up ability and has a short thread while maintaining the standard vanity drain diameter.

RV1410-V
I.D.: 14 1/4" x 10 5/16" (362 x 262)
Depth 5"* (127)
(No Overflow-Special Drain)

STOCK SINKS

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Shower Pan
Options and Accessories

Low Standard Threshold (LST)



N3636LST
OD: 36" x 36" (914 mm x 914 mm)
Threshold Height: 2 1/2" (64 mm)
Rough Opening: 36 1/4" x 36 1/4"
(921 mm x 921 mm)

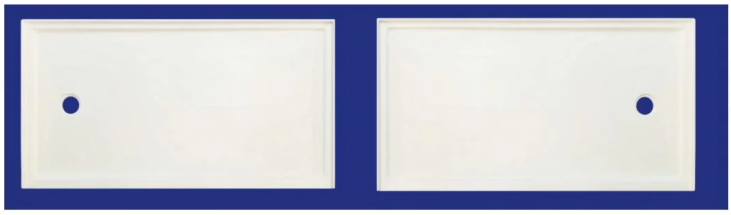
3636LST
OD: 36" x 36" (914 mm x 914 mm
Threshold Height: 2 1/2" (64 mm)
Rough Opening: 36 1/4" x 36 1/4"
(921 mm x 921 mm)

4836LST
OD: 48" x 36" (1219 mm x 914 mm)
Threshold Height: 2 1/2" (64 mm)
Rough Opening: 48 1/4" x 36 1/4"
(1225 mm x 921 mm)

6032LST-L
OD: 60" x 32" (1524 mm x 813 mm)
Threshold Height: 2 1/2" (63.5 mm)
Rough Opening: 60 1/4" x 36 1/4"
(1530 mm x 820mm)

6032LST-R
OD: 60" x 32" (1524 mm x 813 mm)
Threshold Height: 2 1/2" (63.5 mm)
Rough Opening: 60 1/4" x 36 1/4"
(1530 mm x 820mm)

4836LST-L
OD: 48" x 36" (1219 mm x 914 mm)
Threshold Height: 2 1/2" (64 mm)
Rough Opening: 48 1/4" x 36 1/4"
(1225 mm x 921 mm)



4836LST-R
OD: 48" x 36" (1219 mm x 914 mm)
Threshold Height: 2 1/2" (64 mm)
Rough Opening: 48 1/4" x 36 1/4"
(1225 mm x 921 mm)

ADA Trench Drains



6237TD
OD: 62 3/8" x 36 3/4 (1584 mm x 933 mm)
Threshold Height: 1 9/16" (39 mm)
Rough Opening: 62 35/8" x 36 7/8"
(1591 mm x 937 mm)

3838ETR
OD: 38 1/2" x 36 3/4 (978 mm x 933 mm)
Threshold Height: 0" with 1 1/8" Recess (29mm)
Rough Opening: 38 3/4 x 36 5/8"
(985 mm x 930mm)

6237ETR
OD: 62 1/2" x 36 3/4" (1588 mm x 933 mm) Threshold Height: 4 1/4" (108 mm)
Rough Opening: 62 3/4" x 36 7/8"
(1594 mm x 937mm)

ADA Roll-in Pans



3838ECR
OD: 38 1/2" x 38 1/2" (978 mm x 978 mm)
Threshold Height: 0" with 1 1/8" Recess (29mm)
Rough Opening: 38 3/4" x 38 5/8"
(985 mm x 921 mm)

6237ECR
OD: 62 1/2" x 36 3/4" (1588 mm x 933 mm)
Threshold Height: 0" with 1 1/8" Recess (29mm)
Rough Opening: 62 3/4" x 36 7/8"
(1594 mm x 937mm)

6036ECX
OD: 60" x 36" (1524 mm x 914 mm)
Threshold Height: 4 1/4" (108 mm)
Rough Opening: 60 1/4" x 36 1/4"
(1530 mm x 819mm)

Standard Threshold



3660ECS
OD: 36" x 60" (1524 mm x 914 mm)
Threshold Height: 4 1/4" (108 mm)
Rough Opening: 60 1/4" x 36 1/4"
(1530 mm x 819mm)

6036ECS
OD: 60" x 36" (1524 mm x 914 mm)
Threshold Height: 4 1/4" (108 mm)
Rough Opening: 60 1/4" x 36 1/4"
(1530 mm x 819mm)

3636ECS
OD: 36" x 36 (914 mm x 914 mm)
Threshold Height: 4 1/4" (108 mm)
Rough Opening: 36 1/4" x 36 1/4"
(921 mm x 921mm)

6237ECS
OD: 62 1/2" x 36 3/4 " (1588 mm x 933 mm)
Threshold Height: 4 1/4" (108 mm)
Rough Opening: 62 3/4" x 36 7/8"
(1594 mm x 937 mm)

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GEMSTONE
Solid Surface Sinks & Shower Pans

CARE AND CLEANING
Solid Protection

GEMSTONE, a modern solid surfacing material manufactured by Gemstone provides a choice of solid and patterned sinks and bowls to give a rich luxurious feeling to kitchens, wet bars, vanity tops, and many other applications. GEMSTONE solid surface sinks and bowls are manufactured with the color and pattern running throughout its thickness to give it a soft, deep translucency. This feature allows the selection of a wide variety for a customized look and allows you to repair minor damages to maintain a like new appearance indefinitely. No special cleaning products are needed to keep GEMSTONE Solid Surface sinks and bowls looking beautiful day in and day out.

While GEMSTONE Solid Surface is extremely tough and durable, like any fine material it can be damaged if abused or mistreated. Reviewing these care and cleaning instructions can assist you in understanding how easy it is to care for GEMSTONE Solid Surface products and how you can prevent more severe damage that may require professional repairs.

NORMAL CLEANING: GEMSTONE Solid Surface sinks and bowls are non-porous so they can be easily wiped clean with a damp cloth or sponge and mild detergents or general purpose cleaners. If you have a factory matte finish, abrasive cleaners may also be used. Periodically, it may also be helpful to go over the entire surface with an abrasive cleaner or a wet Scotch Brite* pad to maintain a uniform appearance.

SPILLS AND STAINS: While most everyday spills can be removed with the cleaning techniques mentioned, some troublesome spills and stains such as food/hair dye, tea, and fruit drinks may require more aggressive cleaning. These items can be removed with a solution of 50/50 bleach and water allowed to sit for 15 minutes, drained, and flushed with water. Follow with a general cleaner and flush with water. On factory matte finish, if you prefer, you can scrub with an abrasive cleanser.

CIGARETTES: GEMSTONE Solid Surface will not burn, but should a lighted cigarette accidentally come in contact with the surface; it could leave a nicotine stain or a scorch mark. Either can be removed with an abrasive cleaner or buffed with a Scotch Brite* pad.

SOME SIMPLE PRECAUTIONS: DO NOT place hot pans directly from the burner or the oven into the GEMSTONE Solid Surface sink or bowl. Even though GEMSTONE Solid Surface can withstand sustained temperatures up to 225F., prolonged or extreme heat could cause yellowing and/or cracking. **TO PREVENT CRACKING DUE TO EXTREME TEMPERATURE , DIFFERENCES FROZEN FOODS SHOULD BE PLACED ON A MAT OR RACK AND NOT DIRECTLY ON THE BOTTOM OF THE SINK TO THAW.**

DO NOT use your sink for cutting or chopping items. Although minor cuts and scratches can be repaired, deep cuts will require the services of a professional, which is an extra expense.

DO NOT expose to extreme temperature fluctuations. **BOILING WATER SHOULD BE DRAINED INTO THE SINK WITH COOL WATER RUNNING.** Rapid changes in water temperature may cause cracking, this includes thawing frozen items.

Strong acids such as those found in drain cleaners, toilet bowl and oven cleaners should be used cautiously around GEMSTOEN Solid Surfaces. If these items are accidentally spilled, wipe them up at once, flush with clear lukewarm water and wipe with a clean sponge.

REPAIRING SCRATCHES: GEMSTONE solid surface sinks and bowls are usually supplied with a matte finish (unless specified otherwise) which is equivalent to sanding with 320 grit sandpaper or buffing with a wet #7448 Scotch Brite* pad. For removing superficial scratches use a wet Scotch Brite* scouring pad, available in most supermarkets, until the scratches are removed. Clean thoroughly with soap and water. Note: Deep scratches can be removed by first carefully sanding lightly with 120 grit sandpaper followed by 220-320 grit sandpaper. Then use a wet #7448 Scotch Brite* pad to restore the finish. (available from industrial supply houses) Gloss Finish (not recommended) For any damage, contact your fabricator/installer to repair.

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GEMSTONE
America's Premier Sink Manufacturer

Router Bit Recomendations

Gemstone Part No.	Sink Draft ∠	RouterBitsNow.com 1/8" Radius	RouterBitsNow.com 1/2" Radius	RouterBitsNow.com Bit Draft ∠	RouterBitsNow.com Bearing	Velepec 1/2" Radius	Velepec Bit Draft ∠	Velepec Bearing	Amana 3/8" Radius	Amana Bit Draft ∠	Whiteside 1/2" Radius	Whiteside Bit Draft ∠
VANITY												
1014 - (V/VO)	11°	RBN-826-15125	820-1115	15°	BR-995A15	30-157TG	15°	12-615	57268	14°	2915	15°
1114 - (RV/LV)	4°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
OCT1215/1215 - (V/VO)	4°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1313/1616 - (V/VO)	4°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
C1316 - V	4°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1410 - (V/VO/RV)	8°	RBN-826-15125	820-1115	15°	BR-995A15	30-157TG	15°	12-615	57268	14°	2910	10°
1414 - UVO	4°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1416 - V	4°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1512 - (V/VO)	13°	RBN-826-20125	820-1120	20°	BR-995A20	30-140TG	20°	12-620	57269	18°	2918	18°
1513 - (V/VO)	4°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1514 - (V/VO/VR/VOR)	4°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1518 - V	4°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1612 - (V/VO)	12°	RBN-826-15125	820-1115	15°	BR-995A15	30-157TG	15°	12-615	57268	14°	2915	15°
1613 - (UV/UVO/HVO)	10°	RBN-826-15125	820-1115	15°	BR-995A15	30-157TG	15°	12-615	57268	14°	2915	15°
1613 - VSO	7°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1711 - (UV/UVO)	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1712/1217 - (V/VO)	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1812 - (UV/UVO/HVO)	4°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1814 - (V/VO/EV/EVO)	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1914 - (V/VO)	10°	RBN-826-15125	820-1115	15°	BR-995A15	30-157TG	15°	12-615	57268	14°	2915	15°
2112 - (V/VO)	10°	RBN-826-15125	820-1115	15°	BR-995A15	30-157TG	15°	12-615	57268	14°	2915	15°
SINGLES												
1012 - ES	6°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1016 - S	6°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1318 - S	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1411 - ES	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1507 - ES	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1515 - ES	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1815 - S	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1524 - ES	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1517 - S	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
N1616 - S	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1616 - (S/ES/UES)	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1626 - UES	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
2116 - US	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
2015 - S	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
2318 - S	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
2416 - ES	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
2615 - S	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
2716 - US ADA	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
2718 - S	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
2818 - S	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
3217 - ES	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
DOUBLES												
2916 - US ADA	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1729/2917 - D	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1930 - DL	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1630/3016 - D	5°	RBN-826-15125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
3118 - D	6°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
3218 - D	6°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
1324 - D	10°	RBN-826-15125	820-1115	15°	BR-995A15	30-157TG	15°	12-615	57268	14°	2915	15°
1723 - D	13°	RBN-826-20125	820-1120	20°	BR-995A20	30-140TG	20°	12-620	57269	18°	2918	18°
1523 - D	5°	RBN-826-10125	820-1110	10°	BR-995A10	30-155TG	10°	12-610	57267	10°	2910	10°
SPECIALTY												
2213 - (V/VO)	15°	RBN-826-20125	820-1120	20°	BR-995A20	30-140TG	20°	12-620	57269	18°	2918	18°
1311 - S	16°	RBN-826-20125	820-1120	20°	BR-995A20	30-140TG	20°	12-620	57269	18°	2918	18°

This chart is provided as a refe rence only. While this reference was provided in the interest of the fabricators, it is not guaranteed and the author(s) bares no responsibility for the final outcome. It is recommended that each bit be checked and qualified prior to any production. If an error or better recommendation is found, please contact jsmith@gemstoness.com. Thank you very much.

Kräus®

STOCK SINK GUIDE

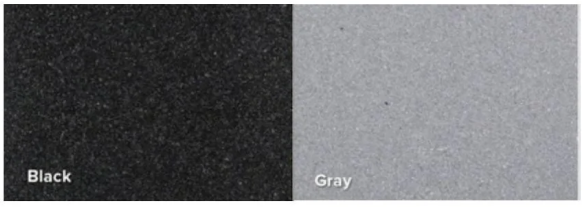
Forteza™

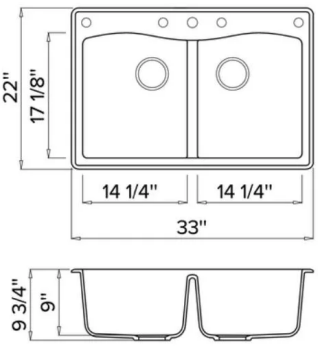
Strength meets beauty in the Forteza™ Series of kitchen sinks. An advanced, proprietary manufacturing process ensures completely even distribution of the material, for unparalleled resistance to thermal shock and damage from dropped items. Each sink is colored all the way through, for a rich and consistent hue that is enhanced with UV protection to prevent fading. The naturally antibacterial non-porous surface repels stains and is heat-safe up to 650°F to shield against hot cookware. The versatile dualmount models allow for either drop-in or undermount installation that integrates seamlessly with any countertop.



KGD-52

33" Drop-In/Undermount Granite 50/50 Double Bowl Kitchen Sink





FEATURES

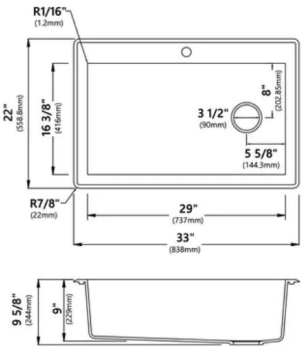
- OVERALL DIMENSIONS: 33" W X 22" D
- BOWL DEPTH: 9"
- MINIMUM CABINET SIZE: 36" W
- MINIMUM CABINET DEPTH: 24"
- 3-1/2" DRAIN OPENING
- ACCESSORIES INCLUDED IN THE BOX:
  - 2X - STRAINER (ST-2)
  - MOUNTING HARDWARE
  - CUT-OUT TEMPLATE
  - SILICONE MIT (KMS-1BLACK)
  - SILICONE TRIVET (KST-1BLACK)





KGD-54

33" Drop-In/Undermount Granite Single Bowl Kitchen Sink



FEATURES

- OVERALL DIMENSIONS: 33" W X 22" D
- BOWL DEPTH: 9"
- MINIMUM CABINET SIZE: 36" W
- MINIMUM CABINET DEPTH: 24"
- 3-1/2" DRAIN OPENING
- ACCESSORIES INCLUDED IN THE BOX:
  - STRAINER (ST-2)
  - MOUNTING HARDWARE
  - CUT-OUT TEMPLATE
  - SILICONE MIT (KMS-1BLACK)
  - SILICONE TRIVET (KST-1BLACK)

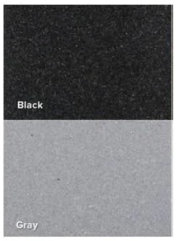
Kräus®

STOCK SINK GUIDE

Forteza™

Strength meets beauty in the Forteza™ Series of kitchen sinks. An advanced, proprietary manufacturing process ensures completely even distribution of the material, for unparalleled resistance to thermal shock and damage from dropped items. Each sink is colored all the way through, for a rich and consistent hue that is enhanced with UV protection to prevent fading. The naturally antibacterial non-porous surface repels stains and is heat-safe up to 650°F to shield against hot cookware. The versatile dualmount models allow for either drop-in or undermount installation that integrates seamlessly with any countertop.





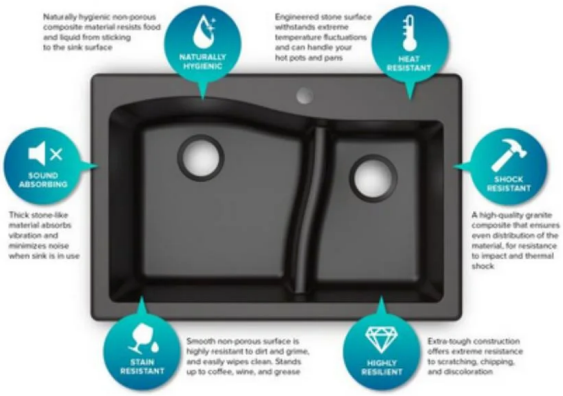


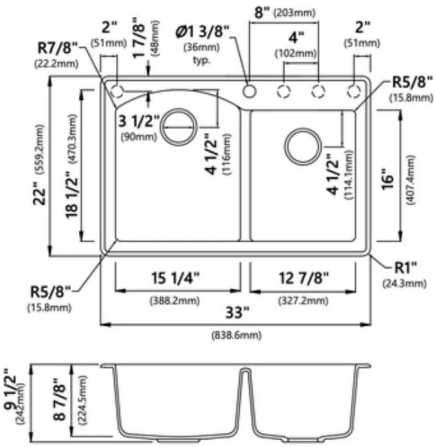
KGD-50

33" Drop-In/Undermount Granite 60/40 Double Bowl Kitchen Sink

FEATURES

- OVERALL DIMENSIONS: 33" W X 22" D
- 60/40 SPLIT
- BOWL DEPTH: 8-7/8"
- MINIMUM CABINET SIZE: 36" W
- MINIMUM CABINET DEPTH: 24"
- 3-1/2" DRAIN OPENING
- ACCESSORIES INCLUDED IN THE BOX:
  - 2X - STRAINER (ST-2)
  - MOUNTING HARDWARE
  - CUT-OUT TEMPLATE
  - SILICONE MIT (KMS-1BLACK)
  - SILICONE TRIVET (KST-1BLACK)







DAILY CARE

- For best results, rinse sink after each use
- Wipe off with soft sponge or damp microfiber cloth
- Do not use steel wool or abrasive cleaners such as ammonia and bleach

DEEPER CLEAN

- Use water and mild liquid detergent (ammonia-free)
- Apply cleaner with soft sponge and scrub gently in circular motions
- Apply olive or mineral oil to dry cloth and rub over sink surface for extra shine

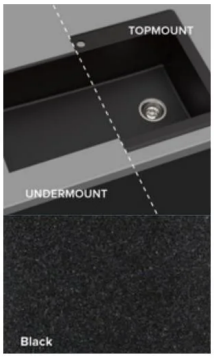
Kräus®

STOCK SINK GUIDE

Quarza™

Quarza™ Series sinks are built to last a lifetime, with high-quality granite composite made from 80% natural quartz and high-performance acrylic resin, offering exceptional durability with the luxurious look & feel of real stone. The extra-tough material offers unparalleled resistance to scratches and stains, thermal shock, and impact from dropped objects. The naturally hygienic non-porous surface resists food and liquid from sticking for easy cleanup, and withstands extreme temperature fluctuations to handle hot pots and pans. Heavy-duty construction absorbs vibration and minimizes noise when the sink is in use. The versatile dualmount design allows for undermount or drop-in installation and is compatible with all countertops.





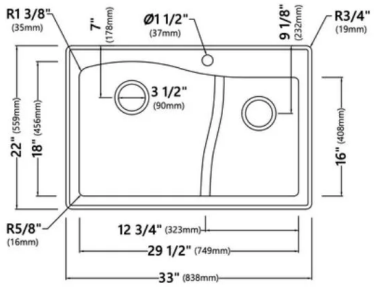


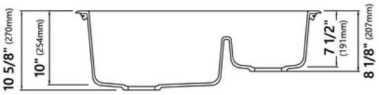
KGD-442BLACK

33" Drop-In/Undermount Granite
60/40 Double Bowl Kitchen Sink

FEATURES

- OVERALL DIMENSIONS: 33" W X 22" D
- BOWL DIMENSIONS: 29-1/2"X 18"
- LARGE BOWL DEPTH: 10"
- SMALL BOWL DEPTH: 7 -1/2"
- MINIMUM CABINET SIZE: 36" W
- MINIMUM CABINET DEPTH: 24"
- REAR OFFSET DRAINS
- 3-1/2" DRAIN OPENING
- ACCESSORIES INCLUDED IN THE BOX:
  - MOUNTING HARDWARE
  - CUT-OUT TEMPLATE



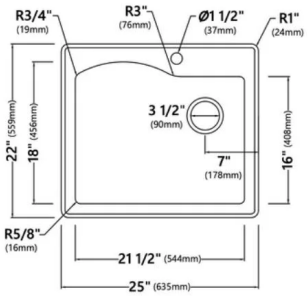


KGD-441BLACK

25" Drop-In/Undermount Granite
Single Bowl Kitchen Sink

FEATURES

- OVERALL DIMENSIONS: 25" W X 22" D
- BOWL DIMENSIONS: 21-1/2"X 18"
- BOWL DEPTH: 9-1/8"
- MINIMUM CABINET SIZE: 27" W
- MINIMUM CABINET DEPTH: 24"
- REAR OFFSET DRAIN
- 3-1/2" DRAIN OPENING
- ACCESSORIES INCLUDED IN THE BOX:
  - MOUNTING HARDWARE
  - CUT-OUT TEMPLATE







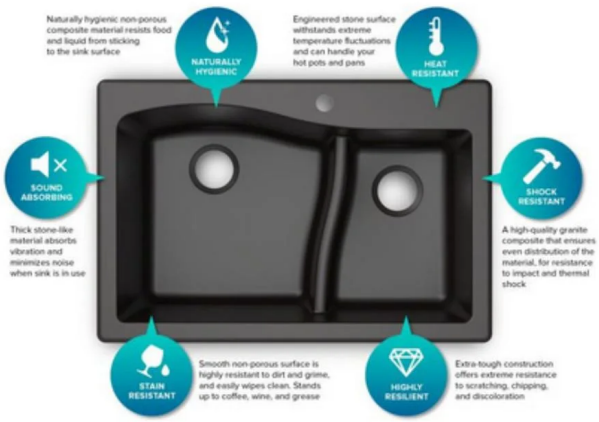
DAILY CARE

- For best results, rinse sink after each use
- Wipe off with soft sponge or damp microfiber cloth
- Do not use steel wool or abrasive cleaners such as ammonia and bleach

DEEPER CLEAN

- Use water and mild liquid detergent (ammonia-free)
- Apply cleaner with soft sponge and scrub gently in circular motions
- Apply olive or mineral oil to dry cloth and rub over sink surface for extra shine

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Kräus®

STOCK SINK GUIDE

Premier™

The Premier Series features streamlined sinks with a classically inspired look and generously rounded easy-to-clean corners. Ideal for all your kitchen needs, these sinks combine quality, convenience, and style in one attractive package. With extreme durability and wear-resistant satin finish, Premier Series sinks are perfect for any project. NoiseDefend™ technology provides exceptional sound reduction when you're using the sink, with extra-thick rubber dampening pads and a non-toxic undercoat to eliminate noise from dishwashing and waste disposal. The undermount configuration is designed for seamless installation with a variety of countertops and makes it easy to keep your kitchen counter clean by brushing crumbs and water straight into the sink.

KBU32

Undermount
Double Equal Kitchen Sink

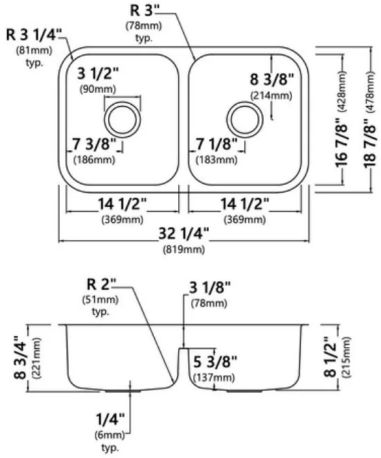
FEATURES

- OVERALL DIMENSIONS: 32 ¼" X. 18 7/8
- BOWL DIMENSIONS: 14 ½" X 16 7/8"
- SINK DEPTH: 8 ½"
- REQUIRED MINIMUM CABINET SIZE: 36" W X 24" D
- CENTER SET DRAINS
- 3 ½" DRAIN OPENING
- LOW CENTER DIVIDER
- NOISE DEFEND UNDERCOATING AND SOUND DAMPENING PADS

ACCESSORIES INCLUDED IN THE BOX:

- STRAINER ST-1 x2
- BOTTOM GRID KBH-32 x2
- CUT-OUT TEMPLATE
- MOUNTING HARDWARE



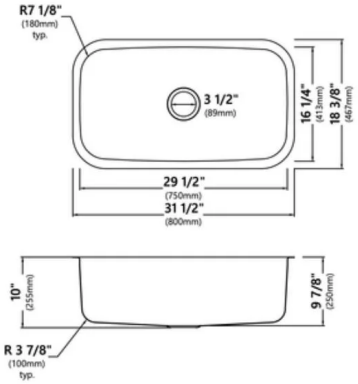






KBU14

31-1/2" Undermount
Single Bowl Kitchen Sink





FEATURES

- OVERALL DIMENSIONS: 31 ½" X. 18 3/8"
- BOWL DIMENSIONS: 29 ½" X 16 ¼"
- SINK DEPTH: 9 7/8"
- REQUIRED MINIMUM CABINET SIZE: 36" W X 24" D
- CENTER SET DRAIN
- 3 ½" DRAIN OPENING
- NOISE DEFEND UNDERCOATING AND SOUND DAMPENING PADS

ACCESSORIES INCLUDED IN THE BOX:

- BASKET STRAINER BST-1
- BOTTOM GRID KBG-14
- CUT-OUT TEMPLATE
- MOUNTING HARDWARE
- TOWEL

STOCK SINK GUIDE

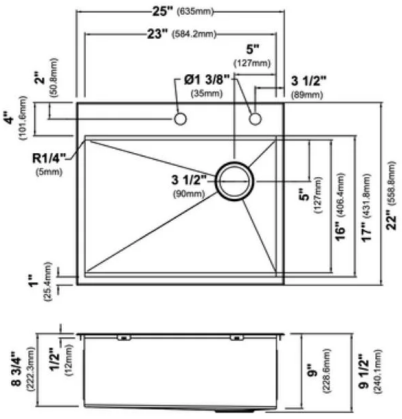
Kore™

Do more with Kore™ – The ultimate sink for the modern home chef. Inspired by professional kitchens, the Kore™ Workstation Series instantly transforms your kitchen sink into a full-service prep station. Packed with premium accessories such as the multi-purpose dish drying rack and bamboo cutting board, the integrated ledge system allows you to wash and dry, or chop and slice without losing an inch of counter space. Made with real 16-gauge stainless steel, this kitchen workhorse is one of the toughest and most durable sinks on the market. The advanced modern look and culinary-inspired design is an instant upgrade to any home kitchen. Take the functionality of your kitchen sink to a whole new level with the Kore™ Workstation Series and experience the Kraus difference.



KWT311-25

25" Drop-In/Undermount
Single Bowl Kitchen Sink



FEATURES

- OVERALL DIMENSIONS: 25" W X 22" D
- BOWL DIMENSIONS: 23" W X 16" D
- BOWL DEPTH: 9"
- MINIMUM CABINET SIZE: 27" W
- MINIMUM CABINET DEPTH: 24"
- REAR OFFSET DRAIN
- NOISE DEFEND UNDERCOATING AND SOUND DAMPENING PADS
- 3-1/2" DRAIN OPENING
- ACCESSORIES INCLUDED IN THE BOX:
  - STRAINER ST-1
  - COVER CAP STC-2
  - BOTTOM GRID KBG-UN1-25
  - CUTTING BOARD KCB-WS102BB
  - ROLLING MAT KRM-11BL
  - TOP MOUNT CUT-OUT TEMPLATE
  - TOP MOUNT HARDWARE



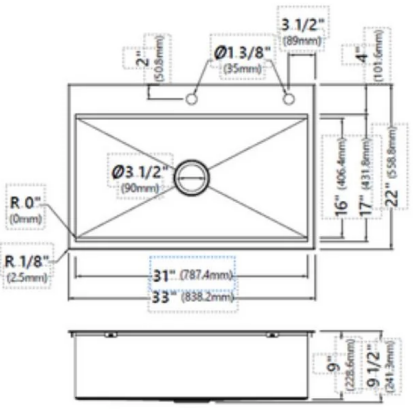


KWT330-33

33" Drop-In / Undermount Workstation
Single Bowl Kitchen Sink

FEATURES

- 16 Gauge Stainless Steel Construction
- Top Mount Single Bowl Sink
- Required Minimum Cabinet Size: 36" Left to Right, 24" Front to Back
- Center Set Drain
- 3 1/2" Drain Opening
- NoiseDefend Undercoating and Sound Dampening Pads
- ACCESSORIES INCLUDED IN THE BOX:
  - Strainer ST-1
  - Cover Cap STC-2
  - Bottom Grid KBG-UN2-33
    Cutting Board KCB-WS103SA
    Rolling Mat KRM-11BL Cut-Out Template Mounting Hardware



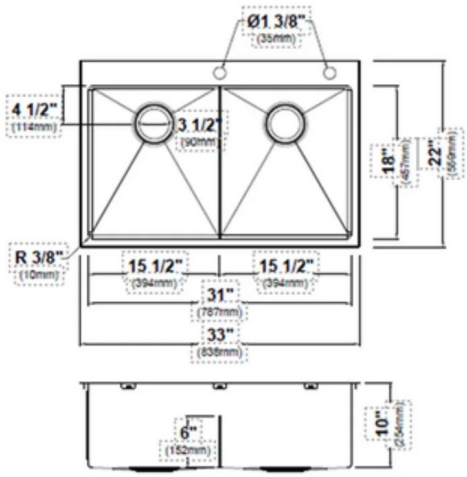
Undermount Sink Fasteners Available Separately

STOCK SINK GUIDE

Standart Pro™

Known for outstanding quality and dependability, Standart PRO™ Series sinks are designed with straight walls and tight-radius corners to create a contemporary look in any kitchen. Built to impress with rugged T304 construction, wear-resistant finish, and industry-best NoiseDefend™ soundproofing technology, these sinks are designed to efficiently handle the toughest messes. Available in three installation types for maximum design flexibility. Undermount installation creates a seamless transition between sink and countertop for a beautifully finished look. The farmhouse models are uniquely designed for below-counter installation for a seamless transition from countertop to sink, with modern flat apron fronts that offer a high-end look. The convenient drop-in option of the dualmount models allows you to install with any type of kitchen counter, with an extra-thick mounting deck that sits flat against the countertop for a beautifully finished look.





KHT302-33

33" Drop-In/Undermount
Double Bowl Kitchen Sink

FEATURES

- 16 Gauge
- Dual Mount Installation
- Double Bowl Sink
- Required Minimum Cabinet Size: 36" Left to Right 24" Front to Back
- Rear Center Set Drains
- 3 1/2" Drain Openings
- NoiseDefend Undercoating and Sound Dampening Pads
- ACCESSORIES INCLUDED IN THE BOX
  - Strainer ST-1 (2)
  - Cover Cap STC-2 (2) Bottom Grid KBG-302-33 (2) Cut-Out Template
  - Top Mount Hardware Undermount Hardware



Undermount Sink Fasteners Available Separately

Kräus®

STOCK SINK GUIDE

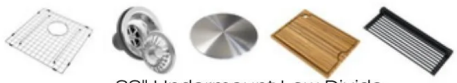
Kore™

While Supplies Last

Do more with Kore™ – The ultimate sink for the modern home chef. Inspired by professional kitchens, the Kore™ Workstation Series instantly transforms your kitchen sink into a full-service prep station. Packed with premium accessories such as the multi-purpose dish drying rack and bamboo cutting board, the integrated ledge system allows you to wash and dry, or chop and slice without losing an inch of counter space. Made with real 16-gauge stainless steel, this kitchen workhorse is one of the toughest and most durable sinks on the market. The advanced modern look and culinary-inspired design is an instant upgrade to any home kitchen. Take the functionality of your kitchen sink to a whole new level with the Kore™ Workstation Series and experience the Kraus difference.

KWU112-33

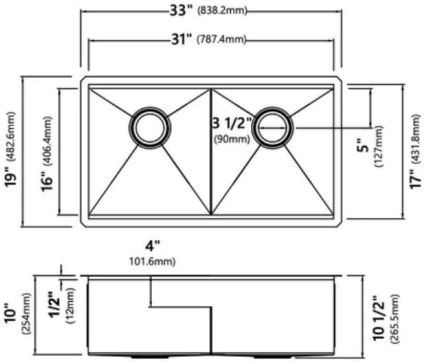


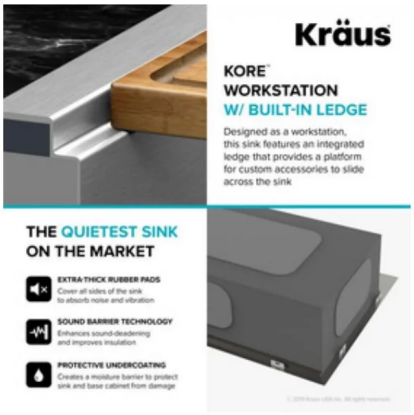


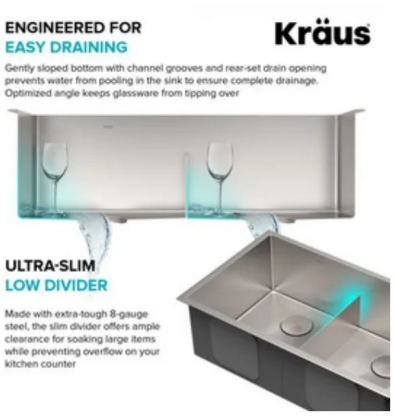
33" Undermount Low Divide
50/50 Double Bowl Kitchen Sink

FEATURES

- OVERALL DIMENSIONS: 33" W X 19" D
- BOWL DIMENSIONS: 31" W X 16" D
- BOWL DEPTH: 10"
- MINIMUM CABINET SIZE: 36" W
- MINIMUM CABINET DEPTH: 24"
- REAR CENTER SET DRAINS
- NOISE DEFEND UNDERCOATING AND SOUND DAMPENING PADS
- 3-1/2" DRAIN OPENING
- ACCESSORIES INCLUDED IN THE BOX:
  - STRAINER ST-1 x 2
  - COVER CAP STC-2 x 2
  - BOTTOM GRID KBG-WSU1-33 x 2
  - CUTTING BOARD KCB-WS103BB
  - ROLLING MAT KRM-11BL
  - CUT-OUT TEMPLATE
  - MOUNTING HARDWARE







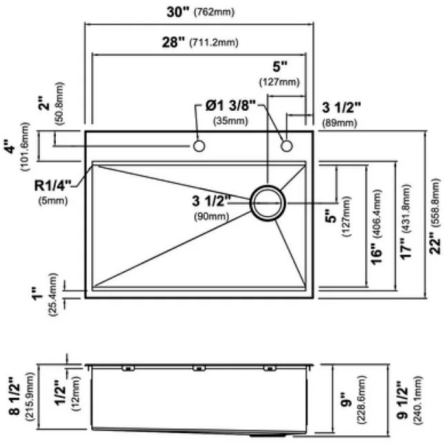
KWT310-30



30" Drop-In/Undermount
Single Bowl Kitchen Sink

FEATURES

- OVERALL DIMENSIONS: 30" W X 22" D
- BOWL DIMENSIONS: 28" W X 16" D
- BOWL DEPTH: 9"
- MINIMUM CABINET SIZE: 33" W
- MINIMUM CABINET DEPTH: 24"
- REAR OFFSET DRAIN
- NOISE DEFEND UNDERCOATING AND SOUND DAMPENING PADS
- 3-1/2" DRAIN OPENING
- ACCESSORIES INCLUDED IN THE BOX:
  - STRAINER ST-1
  - COVER CAP STC-2
  - BOTTOM GRID KBG-UN1-25
  - CUTTING BOARD KCB-WS102BB
  - ROLLING MAT KRM-11BL
  - TOP MOUNT CUT-OUT TEMPLATE
  - TOP MOUNT HARDWARE



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Kräus™



KORE™

TRU16 Gauge Stainless Steel Workstation Sinks







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KORE™ WORKSTATION SERIES — UNDERMOUNT KITCHEN SINKS



KWU111-17
17 Inch 1-Ledge Kitchen Sink
(L)17” x (W)19” x (D)10”



KWU110-32
32 Inch 1-Ledge Kitchen Sink
(L)32” x (W)19” x (D)10”



KWU111-23
23 Inch 1-Ledge Kitchen Sink
(L)23” x (W)19” x (D)10”



KWU112-33
33 Inch 1-Ledge 50/50 Kitchen Sink
(L)33” x (W)19” x (D)10”



KWU110-27
27 Inch 1-Ledge Kitchen Sink
(L)27” x (W)19” x (D)10”



KWU120-45
45 Inch 2-Tier Kitchen Sink
(L)45” x (W)19” x (D)10”



KWU110-30
30 Inch 1-Ledge Kitchen Sink
(L)30” x (W)19” x (D)10”



KWU210-57
57 Inch 2-Tier Kitchen Sink
(L)57” x (W)19” x (D)10”

KORE™ WORKSTATION SERIES — TOPMOUNT/DROP-IN KITCHEN SINKS



KWT311-25
25 Inch 1-Ledge Kitchen Sink
(L)25” x (W)22” x (D)9”



KWT310-30
30 Inch 1-Ledge Kitchen Sink
(L)30” x (W)22” x (D)9”

KORE™ WORKSTATION SERIES — APRON-FRONT FARMHOUSE KITCHEN SINKS



KWF210-30
30 Inch 1-Ledge Kitchen Sink
(L)29 7/8” x (W)20 1/4” x (D)10”



KWF410-30
30 Inch 1-Ledge Kitchen Sink
(L)29 7/8” x (W)20 1/4” x (D)10”



KWF210-33
33 Inch 1-Ledge Kitchen Sink
(L)32 7/8” x (W)20 1/4” x (D)10”



KWF410-33
33 Inch 1-Ledge Kitchen Sink
(L)32 7/8” x 1 (W)20 1/4” x (D)10”



KWF210-36
36 Inch 1-Ledge Kitchen Sink
T(L)35 7/8” x (W)20 1/4” x (D)10”



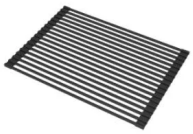
KWF410-36
36 Inch 1-Ledge Kitchen Sink
(L)35 7/8 ” x (W)20 1/4” x (D)10”

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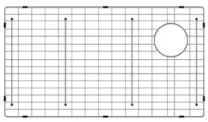
INCLUDED IN THE BOX (ACCESSORIES MAY VARY)



BAMBOO CUTTING BOARD
(multiple sizes available)



KRM-11
Roll-Up Dish Drying Rack
(multiple colors available)



STAINLESS STEEL BOTTOM GRID
(custom-fit sizes)



ST-1 Strainer
STC-2 Cover Cap

OPTIONAL ACCESSORIES (SOLD SEPARATELY)



STAINLESS STEEL DISH RACK (KDR-1)
(L)16 3/4" X (W)9 7/8" X (H)3 3/4"
Included with 45" and 57" Sink



OVERSIZED BAMBOO CUTTING BOARD / SERVING BOARD
(multiple sizes available)



KAC-105BB
Bamboo Accessory Board Set
w/ Stainless Steel Colander
(L)16 3/4" x (W)15 3/4"



ST-4
VersiDrain™
Drain Assembly



BAC-100
Stainless Steel
Mixing Bowl & Colander



KAC-1005BB
Bamboo Accessory Board Set
w/ Mixing Bowl & Colander
(L)16 3/4" x (W)15 3/4"
Included with 45" and 57" Sink



KSC-1001BB
Bamboo Serving Board Set
w/ 2 Stainless Steel Prep Bowls
(L)16 3/4" x (W)6"



KAC-205BB
Bamboo Accessory Board Set
w/ Stainless Steel Mixing Bowl
(L)16 3/4" x (W)15 3/4"



KSC-1003BB
Bamboo Serving Board Set
w/ 3 Stainless Steel Prep Bowls
(L)16 3/4" x (W)7"



CS-6
Stainless Steel Colander
(L)16 3/4" x (W)8 3/4" x (H)3 1/8"



KSC-1005BB
Bamboo Serving Board Set
w/ 5 Stainless Steel Prep Bowls
(L)16 3/4" x (W)15 3/4"



KSC-1002BB
Bamboo Serving Board Set
w/ 3 Stainless Steel Prep Bowls
(L)16 3/4" x (W)9"



KSC-1006BB
Bamboo Serving Board Set
w/ 5 Stainless Steel Prep Bowls
(L)16 3/4" x (W)15 3/4"



KSC-1004BB
Bamboo Serving Board Set
w/ 6 Stainless Steel Prep Bowls
(L)16 3/4" x (W)15 3/4"

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PVD Stainless Steel Workstation Sinks







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KWT310-33/PGM
33 Inch 1-Ledge
Topmount/Drop-In Kitchen Sink
(L)33" x (W)22" x (D)9"



KWF210-33/PGM
33 Inch 1-Ledge Farmhouse
Flat Apron Front Kitchen Sink
(L)32 7/8" x (W)20 1/4" x (D)10"



KWU110-32/PGM
32 Inch 1-Ledge
Undermount Kitchen Sink
(L)32" x (W)19" x (D)10"



KWF410-33/PGM
33 Inch 1-Ledge Farmhouse
Rounded Apron Front Kitchen Sink
(L)32 7/8" x (W)20 1/4" x (D)10"

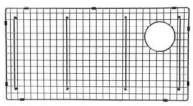
INCLUDED IN THE BOX (ACCESSORIES MAY VARY)



KCB-WS103AC
Acacia Cutting Board



KRM-11
Roll-Up Dish Drying Rack
(multiple colors available)



KBG-UN1-33/PGM
PVD Stainless Steel
Bottom Grid



ST-1/PGM PVD Strainer
STC-2/PGM PVD Cover Cap

OPTIONAL ACCESSORIES (SOLD SEPARATELY)



STAINLESS STEEL
DISH RACK (KDR-1)
(L)16 3/4" X (W)9 7/8" X (H)3 3/4"



KAC-1005BB
Bamboo Accessory Board Set
w/ Mixing Bowl & Colander
(L)16 3/4" x (W)15 3/4"



KAC-105BB
Bamboo Accessory Board Set
w/ Stainless Steel Colander
(L)16 3/4" x (W)15 3/4"



KAC-205BB
Bamboo Accessory Board Set
w/ Stainless Steel Mixing Bowl
(L)16 3/4" x (W)15 3/4"



OVERSIZED BAMBOO CUTTING
BOARD / SERVING BOARD
(multiple sizes available)



CS-6
Stainless Steel Colander
(L)16 3/4" x (W)8 3/4" x (H)3 1/8"



KSC-1001BB
Bamboo Serving Board Set
w/ 2 Stainless Steel Prep Bowls
(L)16 3/4" x (W)6"



KSC-1002BB
Bamboo Serving Board Set
w/ 3 Stainless Steel Prep Bowls
(L)16 3/4" x (W)9"



KSC-1003BB
Bamboo Serving Board Set
w/ 3 Stainless Steel Prep Bowls
(L)16 3/4" x (W)7"



KSC-1004BB
Bamboo Serving Board Set
w/ 6 Stainless Steel Prep Bowls
(L)16 3/4" x (W)15 3/4"



KSC-1005BB
Bamboo Serving Board Set
w/ 5 Stainless Steel Prep Bowls
(L)16 3/4" x (W)15 3/4"



KSC-1006BB
Bamboo Serving Board Set
w/ 5 Stainless Steel Prep Bowls
(L)16 3/4" x (W)15 3/4"

OLETTO SENSOR SERIES



KSF-2631SFS
Touchless Sensor
Commercial Pull Down
with QuickDock™ Top

Faucet Height: 21 7/8"
Spout Height: 8 1/4"
Spout Reach: 9 1/8”



KSF-2631MB
Touchless Sensor
Commercial Pull Down
with QuickDock™ Top

Faucet Height: 21 7/8"
Spout Height: 8 1/4"
Spout Reach: 9 1/8”



KSF-2631SFACB
Touchless Sensor
Commercial Pull Down
with QuickDock™ Top

Faucet Height: 21 7/8"
Spout Height: 8 1/4"
Spout Reach: 9 1/8”

BRITT SENSOR SERIES



KSF-1691SFS
Touchless Sensor
Commercial Pull Down

Faucet Height: 22 1/4"
Spout Height: 6 1/2"
Spout Reach: 8 3/8”



KSF-1691MB
Touchless Sensor
Commercial Pull Down

Faucet Height: 22 1/4"
Spout Height: 6 1/2"
Spout Reach: 8 3/8”



KSF-1691SFACB
Touchless Sensor
Commercial Pull Down

Faucet Height: 22 1/4"
Spout Height: 6 1/2"
Spout Reach: 8 3/8”

BOLDEN SENSOR SERIES



KSF-1610SFS
Touchless Sensor
Commercial Pull Down

Faucet Height: 18 3/4"
Spout Height: 6 1/4"
Spout Reach: 8 5/8”



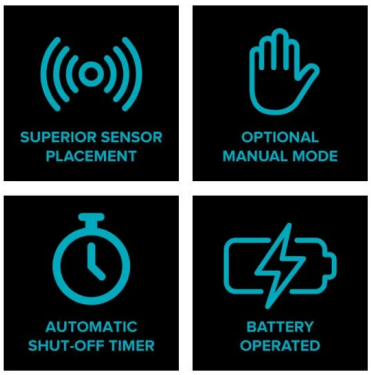
KSF-1610MB
Touchless Sensor
Commercial Pull Down

Faucet Height: 18 3/4"
Spout Height: 6 1/4"
Spout Reach: 8 5/8”



KSF-1610SFACB
Touchless Sensor
Commercial Pull Down

Faucet Height: 18 3/4"
Spout Height: 6 1/4"
Spout Reach: 8 5/8”



BOLDEN™ Sensor Faucet features touchless activation, allowing you to turn water on and off with a wave of a hand. Cuts down on germ transfer by eliminating the need to touch the faucet when cleaning up after messy tasks

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Kräus™



NATURA™

Solid Surface Bathroom Sinks







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NATURA™ SERIES

SOLID SURFACE SINKS WITH NANO TECHNOLOGY



KSV-1MW
Vessel Bathroom Sink
in Matte White
(D)15” x (H)4 7/8”



KSV-6MW
Vessel Bathroom Sink
in Matte White
(D)16 3/8” x (H)6”



KSV-5MW
Vessel Bathroom Sink
in Matte White
(L)16 3/4” x (W)16 3/4” x (H)6”



KSV-2MW
Vessel Bathroom Sink
in Matte White
(L)19 5/8” x (W)13 3/4” x (H)4 7/8”



KSV-3MW
Vessel Bathroom Sink
in Matte White
(L)19 5/8” x (W)15 3/4” x (H)4 3/8”



KSV-4MW
Vessel Bathroom Sink
in Matte White
(L)19 5/8” x (W)15 3/4” x (H)3 5/8”



KSU-8MW
Undermount Bathroom Sink
in Matte White
(L)21 5/8” x (W)14 1/8” x (H)4 3/4”



KSU-7MW
Undermount Bathroom Sink
in Matte White
(L)14 1/2” x (W)14 1/2” x (H)4 3/4”



KSR-9MW
Semi-Recessed Bathroom Sink
in Matte White
(L)14 1/2” x (W)14 1/2” x (H)4 3/4”

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Kräus®



VIVA™

Thin Ceramic Vessel Bathroom Sinks







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KCV-200GBE
Thin Ceramic Vessel
Bathroom Sink in Beige
(D)16 1/2" x (H)5 1/2"
MSRP $260



KCV-200GBL
Thin Ceramic Vessel
Bathroom Sink in Black
(D)16 1/2" x (H)5 1/2"
MSRP $260



KCV-200GGR
Thin Ceramic Vessel
Bathroom Sink in Grey
(D)16 1/2" x (H)5 1/2"
MSRP $260



KCV-200GWH
Thin Ceramic Vessel
Bathroom Sink in White
(D)16 1/2" x (H)5 1/2"
MSRP $240



KCV-201GWH
Thin Ceramic Vessel
Bathroom Sink in White
(D)15 3/4" x (H)4 3/4
MSRP $240



KCV-202GWH
Thin Ceramic Vessel
Bathroom Sink in White
(L)15 5/8" x (W)15 5/8" x (H)5 1/8"
MSRP $240



KCV-203GWH
Thin Ceramic Vessel
Bathroom Sink in White
(D)16 1/2" x (H)4 3/8"
MSRP $240



KCV-204GWH
Thin Ceramic Vessel
Bathroom Sink in White
(D)13" x (H)4 3/8
MSRP $215



KCV-205GWH
Thin Ceramic Vessel
Bathroom Sink in White
(D)15 3/4" x (H)5 3/8"
MSRP $240

OPTIONAL ACCESSORIES (SOLD SEPARATELY)



PU-20
Pop-Up Drain
Available in Matching Colors
(D)2 3/4" x (H)8 5/8"
MSRP $60

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SPECIALTY ITEMS

FastCap

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STOCK FASTCAP ITEMS

AUG 2022

Fast Edge



- Black PVC 15/16" x 250'
- White PVC 15/16" x 250'
- White PVC 15/16" x 600'
- Unfinished Maple Wood 15/16" x 250'

Fast Caps



- White 9/16" Mini Box (256 Caps)
- White 9/16" Standard Box (1,060 Caps)
- Unfinished Maple 9/16" Mini Box (256 Caps)

Additional Colors, Sizes and Punch Kits available as special order.
Contact us for more information!

Tools & Accessories






- HOD Handle on Demand Single
- HOD Handle on Demand Double
- Quad Trimmer with Steel Carbon Blade
- Replacement Blades for Quad Trimmer
- MXV Dust Mask - 10 pack

2P-10 Adhesive - Features Superior Strength & Quick Permanant Bond



- 2P-10 Thick Adhesive - 10 oz
- 2P-10 Activator - 12 oz

Thick Adhesive - Ideal for porous surfaces.
10 Second Bonding! 30 Second Curing!

Speed Tape - High Performance Peel & Stick Adhesive

<u>Stock Sizes</u>

- 1" x 50'
- 1 1/2" x 50'
- 6 1/2" x 50'

<u>Ideal for</u>

- Edgebanding / Laminates
- Jigs & Templates
- General Adhesive



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The SMART CLIP®

April 2019

THE "SMART CLIP"



Clip and required screws



Depth Gauge



Router Bit



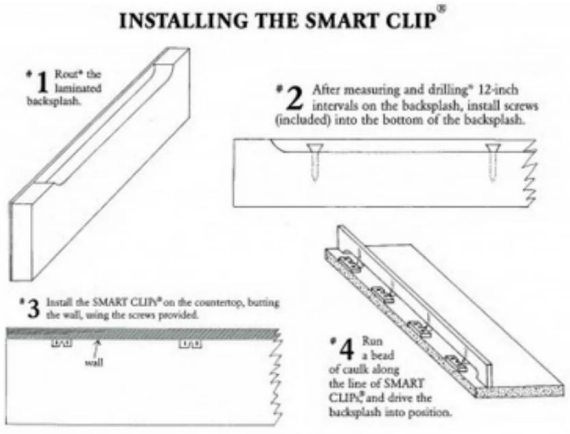
Spacing Bar

Backsplash Installation System

Smart Clips	Clip & Required Screw (250 / Box)
5B Spacing Bar	Smart Clip Spacing Tool
8 Gauge	Screw Depth Gauge
SC-1	9/32 Rabbiting Bit
8 Screw	Silver Screws (250 / Bag)

Backsplash Installation Instructions

1. Route the laminated backsplash
2. After measuring and drilling 12" intervals on the backsplash, install screws (included) into the bottom of the backsplash
3. Install the SMART CLIPs on the countertop, butting the wall, using the screws provided
4. Run a bead of caulk along the line of SMART CLIPs and drive the backsplash into position

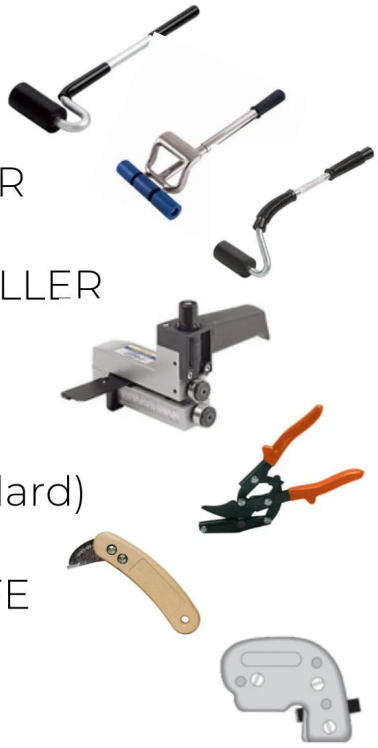


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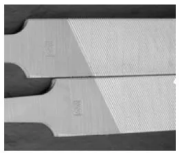
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SURFACE MATERIALS \ CABINETRY \ HARDWARE

STOCK TOOLS & LAMINATING ACCESSORIES

LAMINATING TOOLS	PART #
J ROLLER	J200B
3-WHEEL AIRWAY ROLLER	333-AR
LAMINATE PRESSURE ROLLER	V300
LAMINATE SLITTER	C015L
LAMINATE SHEARS (standard)	11-LS
LAMINATE SCORING KNIFE	344
LAMINATE MICA KNIFE	688



FILES & BITS	PART #
NO FILE FLUSH TRIM BIT W/ BEARING	47150
PANEL PILON FLUSH TRIM BIT	51200
PANEL PILOT 7 DEGREE BEVEL TRIM BIT	51202





ask us about our full selection of specialty router bits!

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STOCK TOOLS & LAMINATING ACCESSORIES

LAMINATING SUPPLIES		PART #
3" FRAME		3-F
7" FRAME		7-F
9" FRAME		9-F
3" ADHESIVE ROLLER COVER		33-C
7" ADHESIVE ROLLER COVER		77-C
9" ADHESIVE ROLLER COVER		99-C
2" ADHESIVE BRUSH		1412-2
3" ADHESIVE BRUSH		1412-3
TRIM EDGE LUBE STICK		TM-2

FASTCAP TOOLS & ACCESSORIES - CONTACT US FOR PRIICNG!

HOD Handle on Demand Single
HOD Handle on Demand Double
Quad Trimmer with Steel Carbon Blade
Replacement Blades for Quad Trimmer



SPEED TAPE - HIGH PERFORMANCE PEEL & STICK ADHESIVE

Stock Sizes

1" x 50'
1 1/2" x 50'
6 1/2" x 50'

Ideal for

- Edgebanding / Laminates
- Jigs & Templates
- General Adhesive



FAST EDGE

Black PVC 15/16" x 250'
White PVC 15/16" x 250'
White PVC 15/16" x 600'
Unfinished Maple Wood 15/16" x 250'



1055 36th Street SE, Grand Rapids, MI 49508 | P: 616-245-4415 F: 616-245-1890 | sales@directsupplyinc.com

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

STOCK CABINET & COUNTERTOP ACCESSORIES

CABINET ACCESSORIES

Clear Bumper Pads



HR-85101CL
7/16" Diameter x 3.5 mm Clear Door Bumper
Sold Per Sheet - 200 Bumpers / Sheet

Shelf Spoons



HR-1206BN - 1/4" Bright Nickel Shelf Pin
HR-1306BN - 5mm Bright Nickel Shelf Pin
Sold by the Bag - 100 / Bag

Stainless Steel Tip out Trays



HR-TOSS14S-R - 36" + Sink Base Set
HR-TOSS11S-R - 33" + Sink Base Set

Two Sets of Hinges, Two Trays, and 20 pcs Screws Included

Wood Susans



1-3/4" Lip - Designed for Fixed Shelves with Aluminum Bearing

O-T8228K30TRDCBMNL1 - 28" Kidney Wood Susan
O-T8332K30TRDCBMNL1 - 32" Kidney Wood Susan

Sold as a 2 Shelf Kit

Tray Dividers



Fixed Tray Dividers

HR-TD18-PC - 18" Tall x 20" Deep Chrome Bakeware/ Tray / Cookie Sheet Organizers. Can use individually or include multiple in one opening.

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

STOCK CABINET & COUNTERTOP ACCESSORIES

CABINET ACCESSORIES

Wire Pulls



HR-A271-4AL
4-5/16" Overall Length Aluminum Wire Cabinet Pull.
Holes are 4" center-to-center.



HR-S271-4PC
4-5/16" Overall Length Polished Chrome Wire Cabinet Pull.
Holes are 4" center-to-center.

Check out our Stock Hardware Catalog for more Decorative Hardware Options!

Cam Locks



USF-30111 52 000 - Cam Lock Set Includes:
1 Lock housing, 2 Cams (straight/offset),
1 Mounting screw, 1 Washer and 1 Steel nut



USF-31211 52 078 - Complete with 1 core and 2 keys
1 Key Configuration Stocked - Multiple Available as Special Order



USF-31511 25 781 - Red Key - Removes each core from every housing



USF-31411 13 242 - Blue Key - Master Key - Opens every core

Additional Catches, Latches and Specialty Hardware in stock! Check out our other Hardware Catalogs for More Details.











DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

STOCK CABINET & COUNTERTOP ACCESSORIES

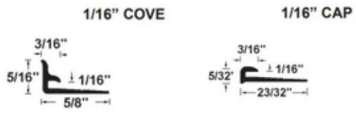
COUNTERTOP ACCESSORIES

Countertop Grommets



HR-68000 - 3 Piece Spring Grommet for 60 mm Diameter Hole
HR-69000 - 3 Piece Spring Grommet for 75 mm Diameter Hole
Stocked in Black, Grey & White

Anodized Cap & Cove



Countertop Cap & Cove Molding (Silver)
1100A - 1/16" Cap - 12' Piece
1200A - 1/16" Cove - 12' Piece

Particle Board / Decking



Sold by the individual sheet or bunk
3/4" Thickness
25" x 97"
25" x 121"
25" x 145"
30" x 97"
30" x 121"
30" x 145"
48" x 96"
1-1/8" Thickness
30" x 144"

*Contact Us for Quote! *

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

STOCK CABINET & COUNTERTOP ACCESSORIES

SCREWS & FASTENERS

Drawer Front Mounting Screws - Washer Head



HR-8x1 #8 x 1" 100 / Bag
HR-8x1 14 #8 x 1-1/4" 100 / Bag

Decorative Hardware Mounting Screws



HR-32BREAK-B 8/32" X 1-3/4" 100 / Bag
HQS12242 8/32" X 1-1/8" (truss head) 100 / Bag

Hinge / Drawer Slide Mounting Screws



HR-6x12 #6 x 1/2" 1000 / Bag
HR-6x58 #6 x 5/8" 1000 / Bag
*Cup Hinge / Baseplate
*for use with Fulterer FR1921 & Small Screw for FR5000 & FR5001s - 5/8" Drawer Sides



S-V234X166 #6 x 5/8" *SALICE TITANIUM FINISH*
FR-SCREWS #8 #8 Truss Head Wood Screw 100 / Bag
*for use with Fulterer FR5000 & FR5001 Drawer Slides - 5/8" Drawer Sides



HR-8x34 #8 x 3/4" 100 / Bag
HR-8x58 #8 x 5/8" 100 / Bag
*Cup Hinge / Baseplate | 3 Cam Hinge Face Frame Mounting
S-VU74X194 #8 x 3/4" - MOD TRUSS HEAD 100 / Bag
*for use with Salice XR/NR 2 cam Hinges

Fastcap Powerhead Screws - 9/16" Powerhead



FC-PHZ8.1.25-50PC #10 x 1-1/4" 50 / Pack
FC-PHZ8.1.5-50PC #10 x 1-1/2" 50 / Pack
FC-PHZ8.2.5-50PC #10 x 2-1/2" 50 / Pack
FC-PHZ8.3-50PC #10 x 3" 50 / Pack
FC-PHZ8.3.5-50PC #10 x 3-1/2" 100 / Pack



Check out our Maple & White Fast Caps to Cover the Powerhead Screws!

General Assembly Screws

HQS4084 #7 X 1-1/4" POCKET HOLE - HI-LO DRY LUBE 100/ bag

Amana Tool® REDEFINING WOODWORKING®

DIRECT SUPPLY INC

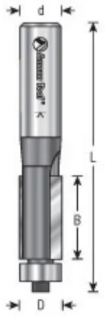
IN-STOCK BITS

LAMINATE / WOOD BITS

Flush Trim Router Bits with Ball Bearing Guide

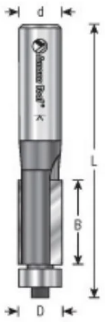
Tool No.47100

Diameter (D)	3/8
Cutting Height (B)	1
Shank (d)	1/4
Overall Length (L)	2-5/8
Replacement Bearing	47702
Flutes	2



Tool No.47102

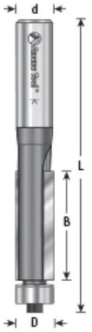
Diameter (D)	3/8
Cutting Height (B)	1/2
Shank (d)	1/4
Overall Length (L)	2-1/8
Replacement Bearing	47702
Flutes	2



Flush Trim (Extra Long) Router Bit with Ball Bearing Guide

Tool No.47124

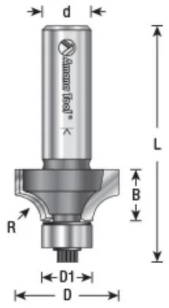
Diameter (D)	1/2
Cutting Height (B)	1-1/2
Shank (d)	1/2
Overall Length (L)	3-7/8
Replacement Bearing	47706
Flutes	2



Corner Rounding Router Bit with Ball Bearing

Tool No.49522

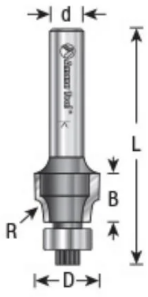
Diameter (D)	2-1/2
Radius (R)	1
Cutting Height (B)	1-1/4
Shank (d)	1/2
Overall Length (L)	3-3/16
Replacement Bearing	47706
Flutes	2
D1	1/2



No File Router Bits with Ball Bearing Guide

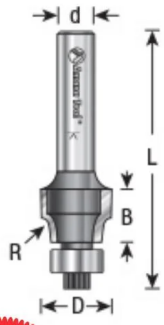
Tool No.47150

Diameter (D)	1/2
Radius (R)	.059 (1.5mm)
Cutting Height (B)	3/8
Shank (d)	1/4
Overall Length (L)	1-7/8
Replacement Bearing	47704
Flutes	2



Tool No.47152

Diameter (D)	1/2
Radius (R)	.059 (1.5mm)
Cutting Height (B)	3/8
Shank (d)	1/2
Overall Length (L)	2-1/8
Replacement Bearing	47704
Flutes	2

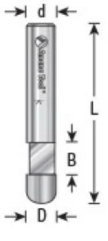


Single Flute Panel Pilot Router Bits

Great Value!

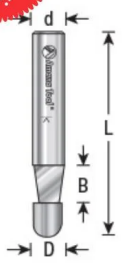
Tool No.51200

Diameter (D)	1/4
Cutting Height (B)	1/4
Shank (d)	1/4
Overall Length (L)	1-1/2
Type	Flush
Flutes	1



Tool No.51202

Diameter (D)	1/4
Cutting Height (B)	1/4
Shank (d)	1/4
Overall Length (L)	1-1/2
Type	7° Bevel
Flutes	1



Visit www.amanatool.com for the full line of bits available

Amana Tool® REDEFINING WOODWORKING®

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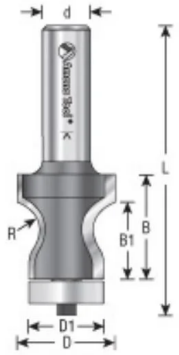
IN-STOCK BITS

SOLID SURFACE BITS

Countertop Trim 'No Drip' Design Router Bits

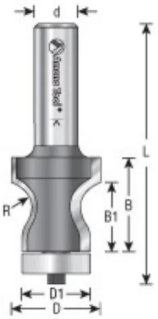
Tool No.57118

Diameter (D)	1
Cut Depth (A)	1/2
Radius (R)	5/16
Cutting Height (B)	7/8
Shank (d)	1/2
Overall Length (L)	3
B1	5/8
Flutes	2
D1	3/4



Tool No.57120

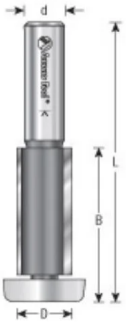
Diameter (D)	1
Cut Depth (A)	3/4
Radius (R)	5/16
Cutting Height (B)	1-1/8
Shank (d)	1/2
Overall Length (L)	3-1/4
B1	15/16
Flutes	2
D1	3/4



Bowl & Sink Trim Bit

Tool No.57155

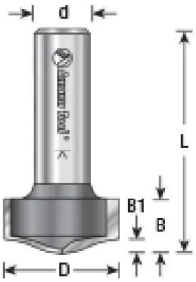
Diameter (D)	49/64
Angle (a°)	5°
Cutting Height (B)	1-1/2
Shank (d)	1/2
Overall Length (L)	3-1/2
Type	1/8 Over-Hang
Replacement Bearing	47733
Flutes	2
Countertop Thickness	1/2 & 3/4



Countertop Trim 'No Drip' Design Bit

Tool No.57148

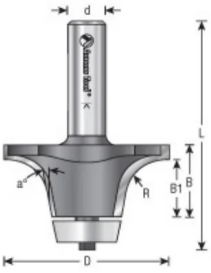
Diameter (D)	1
Cut Depth (A)	3/4
Cutting Height (B)	1/2
Shank (d)	1/2
Overall Length (L)	2-1/8
B1	1/8
Flutes	2



Undermount Bowl Router Bit

Tool No.57128

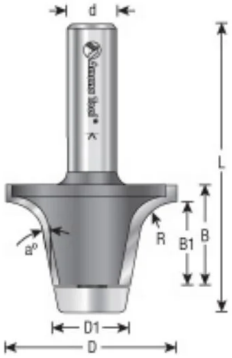
Diameter (D)	2-1/8
Cut Depth (A)	1/2
Angle (a°)	18°
Radius (R)	1/2
Cutting Height (B)	1
Shank (d)	1/2
Overall Length (L)	3
B1	3/4
Replacement Bearing	47726
Flutes	2



3/8" Round Over Countertop Bit

Tool No.57170

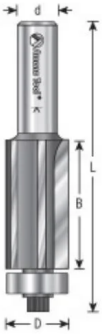
Diameter (D)	1-7/8
Angle (a°)	10°
Radius (R)	3/8
Cutting Height (B)	1
Shank (d)	1/2
Overall Length (L)	2-29/32
B1	25/32
Replacement Bearing	47774
Flutes	2
D1	3/4



Flush Trim Solid Surface Bit

Tool No.57186

Diameter (D)	3/4
Cutting Height (B)	2
Shank (d)	1/2
Overall Length (L)	4-1/2
Replacement Bearing	47714
Flutes	4



Tool No.57187

Diameter (D)	3/4
Cutting Height (B)	2
Shank (d)	1/2
Overall Length (L)	4-3/4
Replacement Bearing	47714
Flutes	4



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DIRECT SUPPLY INC

UNEEDA EKABLUE IN STOCK SANDPAPER



EKABLUE

The most versatile and consistent abrasive available on the market today.

STOCK ITEMS

	Micron Comparison
M-178361 | Disc 6 x 0 x 17 EKABLUE Paper - Grit #60	~250 micron
M-177942 | Disc 6 x 0 x 17 EKABLUE Paper - Grit #80	~200 micron
M-176302 | Disc 6 x 0 x 17 EKABLUE Paper - Grit #120	~125 micron
M-176303 | Disc 6 x 0 x 17 EKABLUE Paper - Grit #150	~100 micron
M-176339 | Disc 6 x 0 x 17 EKABLUE Paper - Grit #220	~60 micron
M-176340 | Disc 6 x 0 x 17 EKABLUE Paper - Grit #320	~40 micron
M-179242 | Disc 6 x 0 x 17 EKABLUE Paper - Grit #400	~30 micron
M-179797 | Disc 6 x 0 x 17 EKABLUE Paper - Grit #600	~20 micron

FESTOOL PATTERN

6 x 17 Holes (©Festool)

UNEEDA

Whether you are sanding wood, metal, solid surface or fiberglass, Ekablue is your go-to choice for a wide range of applications. Manufactured on a lightweight latex paper, the durable, precision coated aluminum oxide grain ensures superior life and quality finish with a fast and consistent cut.

DIRECT SUPPLY INC

EKABLUE GRIT SANDING STEPS

SOLID SURFACE FINISHING

FOR SEAMS / DEEP SCRATCHES, START WITH 80 GRIT AS 1ST STEP

FOR HIGH GLOSS FINISH - USE FINISH II COMPOUND AND A VARIABLE SPEED BUFFER WITH A WHITE WOOL PAD.

MEDIUM GLOSS FINISH

- 120 GRIT
- 220 GRIT
- 320 GRIT
- 400 GRIT
- 600 GRIT
- WHITE SCOTCH BRITE

SATIN FINISH

- 120 GRIT
- 220 GRIT
- 320 GRIT
- 400 GRIT
- GREY SCOTCH BRITE

MATTE FINISH

- 120 GRIT
- 220 GRIT
- 320 GRIT
- 400 GRIT
- MAROON SCOTCH BRITE

TIP: Darker Colors may require more of a gloss finish to reduce hazy appearance.

STOCK EKABLUE PATTERN

FESTOOL PATTERN

6 x 17 Holes
(©Festool)

UNEEDA

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Gem ELECTRIC ORBITAL SANDER



FEATURING 11" DRIVE PAD

Reduces labor by 1/2 or more!

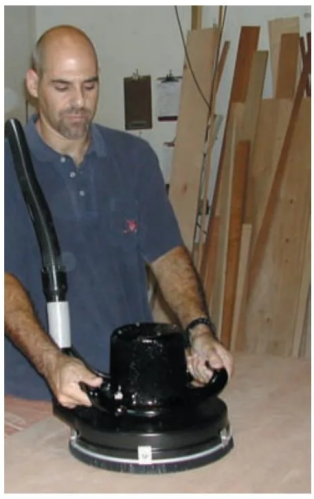
This heavy duty machine runs at 1700 "orbits" per minute without the possibility of creating the swirl marks associated with high-speed rotary buffers. Smooth, hand-polish action safeguards against surface damage. GEM's counter weight system is well balanced and smooth running, so you can guide the sander over the surface and let the 18 lbs. of weight do the work for you.

The latest innovation for the solid surface and woodworking industries.

GEM's orbital action sands, polishes and finishes with a motion like that of the human hand! Sands equally well and uniformly on solid surface and wood products.

The GEM Orbital comes with a Hookit fastening system for use with Micron Paper, Trizact™ and Finishing Pads.





BEST QUALITY – AFFORDABLY PRICED!

SPECIFICATIONS

Weight	18 lbs.
Overall height	10 in.
Amps	2.3@110v, 1.2@220v
RPM	1,700@110v
Motor	110v/220v
Housing	heavy-duty aluminum

FEATURES

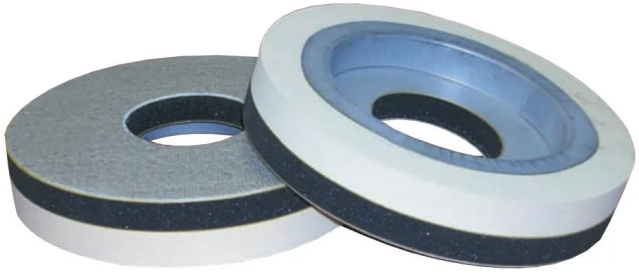
- Heavy-duty ball bearing capacitor motor
- No gears to grind or strip out
- No armature winding to burn out
- No carbon brushes to burn out
- Exclusive removable shaft system
- Sands, polishes and finishes

Gem Industries, Inc.

Mailing address: P.O. Box 450061, Sunrise, FL 33345
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Gem ELECTRIC ORBITAL SANDER

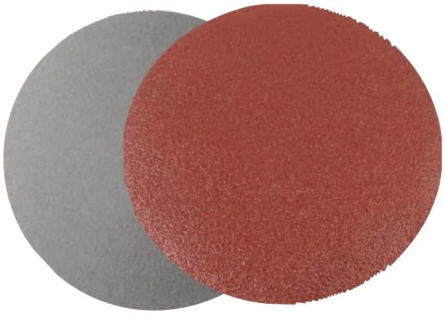
PADS & ABRASIVES



ITEM # C-515CH
Drive Pad with Hookit

ITEM # C-515HDH
Firm Pad with Hookit

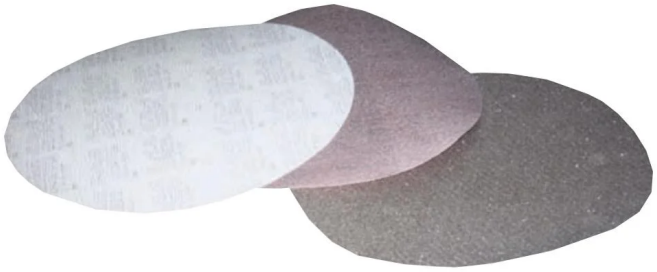
*Not Shown: S-111 conversion pads to accommodate Finishing Pads



ITEM # S-105A
Maroon Finishing Pad

ITEM # S-106AA
Grey Finishing Pad

*Not Shown: S-106W White Finishing Pad



ITEM # S-104
100 Micron (Aluminum Oxide)

ITEM # S-104A
60 Micron

ITEM # S-104B
80 Micron

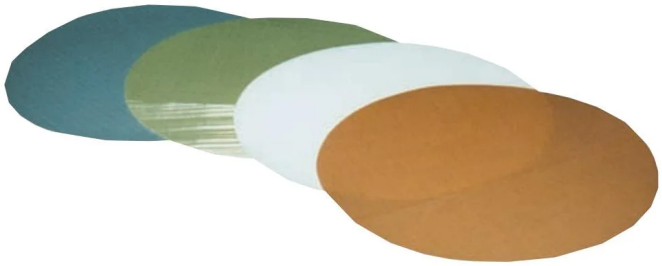
ITEM # S-104C
180 Micron

ITEM # S-104D
30 Micron

ITEM # S-104G
120 Micron

ITEM # S-104H
150 Micron

*40, 15, and 9 Micron available as special order.



ITEM # S-100
A5Mic Trizact™ (orange)

ITEM # S-101
A10Mic Trizact™ (blue)

ITEM # S-102
A35Mic Trizact™ (green)

ITEM # S-103
3M 568XA Cerium Oxide (white)

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SURFACE MATERIALS \ CABINETRY \ HARDWARE

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DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

IN STOCK
NELSON WOOD SHIMS

Features

- Shims with thin, feathered tips
- Clean and consistent quality in every box
- 100% kiln dried shims – no mold or rot



Primary Installation Usage

- Countertops
- Cabinets

Dimensions

- 8" L x 1 ⅜" W*

*measurements are not exact

The Nelson Wood Shims' Pro-Pack contains 120 pine shims, a preferred product of fabricators and contractors.

The sturdy, closable box holds up well on the job site.

AVAILABLE BY THE BOX OR CASE

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ADHESIVES

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

HYBOND ADHESIVES STOCK PAGE

Flammable Contact Adhesives
Brush, Roller & Trowel Application

- Hybond 70 - Economy Brush Grade | Natural | 5 Gallon Bucket
- Hybond 80 - Premium Brush Grade | Natural | 5 Gallon Bucket
- Hybond 80 PLUS- Consumer Brush Grade | Natural | Quart or Gallon | Case Pricing Available for Quarts & Gallons!

Non-Flammable Solvent Based Contact Adhesive
Brush, Roller & Trowel Application

- Hybond 80NFM - Premium Brush Grade | Natural | 5 Gallon Bucket

Flammable Contact Adhesives
Spray Grade

- Hybond 12 - Premium Spray Grade | Natural or Red | 5 or 54 Gallon
- Hybond HS Plus - High Solids Spray Grade | Natural or Red | 5 Gallon
- Hybond B68 - High Solids, Greenguard, OTC Compliant Spray Grade | Red | 5 Gallon

Non-Flammable Contact Adhesives
Spray Grade

- Hybond 75NFM - Non-Flammable Fast Drying High Solids, California and OTC Compliant | Natural or Green | 5 Gallon
- Hybond CBA-2501 - Non-Flammable Fast Drying | Natural | 5 Gallon

Canister Spray Systems
Chlorinated Solvent Based Contact Adhesive with Flammable Propellant Canister

- Hybond CF23 - Premium Non-Flam Adhesive / Flammable Propellant | Adjustable Spray Pattern | Fast Grab | Natural or Red | 15oz Aerosol, 11 lb (Natural Only) , 38 lb or 177 lb Canister | Case Pricing Available for Aerosol Cans and 11 lb canisters!

Canister Spray Systems
Chlorinated Solvent Based Contact Adhesive with Non-Flammable Propellant Canister

- Hybond 68NF - Non-Flammable Adhesive / Non-Flammable Propellant | Green Diamond, Zero VOC | Adjustable Spray Pattern | Natural | 35 lb Canister

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SURFACE MATERIALS \ CABINETRY \ HARDWARE

HYBOND ADHESIVES STOCK PAGE

Woodworking Glues

- Hybond Golden Glue - Medium Setting Assembly Glue, Greenguard, OTC and California Compliant | Yellow | 1 or 5 Gallon Case Pricing Available for Gallons!
- Hybond Golden Glue Exterior - Exterior Grade for applications requiring Moisture Resistance, Type II Approved, Fast Setting, Greenguard, OTC and California Compliant | Yellow | 1 Gallon
- Hybond CBA-530 - Fast Setting Wood Glue, Good for edge bonding and trim, OTC and California Complaint | White | 1 and 5 Gallon

Nip-N-Stack

- Hybond 7709TG - Nip and Stack Adhesive, Needs only to be pinch rolled. Ideal for cold press, hot press, or stationary or high speed post forming, Greenguard, OTC and California Complaint | Green | 5 Gallon

StikIT Foam Fabricating & Furniture Adhesives

- StikIT 8010 - Low VOC General Purpose Adhesive | Aerosol Cans
- StikIT 8020 - Mist Spray Foam & Fabric Adhesive | Aerosol Cans
- StikIT 8030 - Styrofoam Adhesive | Aerosol Cans

Case Pricing Available for all StikIT Aerosol Cans!

Solvents & Cleaners

- Hybond 80 Plus Reducer - Flammable Solvent | Quart Case Pricing Available!
- Hybond 689 - Flammable Reducer, Cleaner, Thinner for all flammable contact adhesives | 1 and 5 Gallon Case Pricing available for Gallons!
- Hybond Citra Cleaner - Multi-Purpose Citrus Cleaner | Aerosol Can and 9 lb Canister | Case Pricing Available for Aerosol Cans!

Stock Spray Equipment

- Adjustable Spray Gun w/ 6501 Tip | Ideal for Spraying Hybond CF23
- 6501 - Adjustable Spray Tips
- 12 Foot Hose for Spray Adhesive
- 18 Foot Hose for Spray Adhesive
- Liner for 2.8 Gallon Binks Pot

ADDITIONAL GLUES AND PACKAGING SIZES AVAILABLE; CONTACT US FOR MORE INFO!

CONTACT US FOR PDS AND SDS INFO!

DIRECT SUPPLY INC. | 1055 36TH STREET SE, GRAND RAPIDS, MI 49508 | P: 616-245-4415 | F: 616-245-1890
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DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

nevamar

ADHESIVES -NV30

NV30

NV30 is a high-performance and versatile industrial strength contact adhesive. Water-resistant and temperature resistant to over 200°F, NV30 is designed for bonding a wide range of substrates to include PIONITE decorative laminates and veneers, fiberglass, glass, upholstery, fabrics, foam, auto headliners, cork, and particleboard.

KEY FEATURES

- NO ODS (OZONE DEPLETING SUBSTANCES)
- HIGH PEFORMANCE
- FAST TACK
- WATER RESISTANT



AVAILABLE SIZES

NA-NV30C-15 – 15 OZ AEROSOL CAN - CLEAR
NA-NV30C-11 – 11 LBS DISPOSABLE CANISTER - CLEAR
NA-NV30 -38 – 38 LBS DISPOSABLE CANISTER - CLEAR & RED
NA-NV30-190 - 190 LBS RETURNABLE CANISTER - CLEAR & RED
NA-NV30-375 – 375 LBS RETURNABLE CANISTER - CLEAR & RED

PHYSICAL PROPERTIES

- APPEARANCE: LIQUID, CLEAR OR RED
- SPECIFIC GRAVITY: .85 +/- .03
- SHEAR ADHESION: >100PSI AND >200°F
- SPRAY TIP: 6501
- SPRAY PATTERN: WEB SPRAY
- FLAMMABILITY: FLAMMABLE PER ASTM E-681-04
- SOLVENT: METHYLENE CHLORIDE
- SHELF LIFE: 15 MONTHS
- FREEZING: NOT DAMAGED BY FREEZING BUT RETURN TO ROOM TEMP BEFORE USE.

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STIK IT

FOAM FABRICATING & FURNITURE PRODUCTS

STIK IT 8010

Low VOC General Purpose Adhesive

- Cal Compliant
- Web spray
- Excellent heat resistance
- Excellent for polyethylene, polyurethane
- Excellent foam to rigid substrates
- Fast foam tear
- Stocked in aerosol cans

STIK IT 8020

Mist Spray Foam & Fabric Adhesive

- Mist spray with 100% coverage possible
- Excellent for difficult / thin fabrics where bleed through is a concern
- Excellent heat resistance
- Great for rigid subtrates to soft goods
- Stocked in aerosol cans

STIK IT 8030

Styro Foam Adhesive

- Can be sprayed directly to extruded foams
- Web spray
- Excellent for styrene, EPS, dow board, pink extruded foam type substrates
- Stocked in aerosol cans

ALSO AVAILABLE IN CANISTERS!

CONTACT US FOR A QUOTE !

DIRECT SUPPLY INC

SURFACE MATERIALS \ CABINETRY \ HARDWARE

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DUTCHLOCK ADHESIVES

Seamlock PRO Adhesive

SEAMLOCK PRO

SeamLockPRO is a two-part methacrylate, DRIPLESS seaming adhesive designed for the Inconspicuous bonding of various substrates, including solid surface (acrylic, polyester, and blended products), granite, engineered stone, quartz, marble, cultured marble, glass, sintered stone, porcelain, and various plastics (not low energy surfaces).

- DRIPLESS
- SAND-ABLE
- BLADE-ABLE
- KNIFE-ABLE
- AVAILABLE IN 500+ COLORS

STOCKED 250ML COLORS

- ALUMINUM - 642
- BEACH - 230
- BEIGE - 228
- CAMEO - 120
- CHALK - 100
- CHAMELEON - 800
- CLAY - 526
- CLEAR - 199
- CLOUD - 118
- DESIGN - 601
- DUNE - 310
- EARTH BROWN - 820
- FOG - 200
- GLACIER - 111
- I-BONE - 816
- ICE -218
- I-PUDDING BROWN - 846
- MESA - 604
- MIDNIGHT - 532
- MISTY - 220
- NATURAL - 214
- NEUTRAL - 868
- PEWTER - 518
- SAND - 216
- STONE - 222
- TRANSPARENT WHITE- 825
- WINTER - 101

- DL-DISPENSER-250-MANUAL | GUN
- DL-MIXING TIP-250/500 | BULK TIPS
- CONTACT US FOR PRICING ON 50ML & 500ML CARTRIDGES

NON STOCK ADHESIVES - ORDER BY COLOR & SIZE
No Minimum Order or Surcharges!

SeamLock PRO dripless adhesive reduces waste
and saves on cleanup! Standard Version SeamLock also available!

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DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

DutchLock Adhesive & Accessories

SUBSTRATE BONDER

Sub Lock SB-100 is a two-part, unfilled, room temperature cure, urethane adhesive designed to bond Quartz, Solid Surface, Natural and Engineered Stone to wood, particle board, plywood, or other substrates. Sub Lock is strong but highly flexible in nature with a rapid cure. It is specially formulated for a 1:1 mix ratio for use in side-by-side cartridges, or to be used by hand mixing, or use with Meter Mix Equipment. Substrate Bonder is Low VOC and is non-flammable. A handling cure is typically achieved at room temperature within 30 minutes.

- DL-SUB100-200 | 200ML CARTRIDGE
- DL-SUB100-400 | 400ML CARTRIDGE
- DL-DISPENSER-200-MANUAL | GUN
- DL-DISPENSER-400-MANUAL | GUN
- DL-MIXING TIP-200/400 | BULK TIPS

ROD & CLIP BONDER

BD-300 - 1:1 Ratio - Used for Bonding and Adhering steel and fiberglass rods into granites, stones, marbles, and other natural and synthetic countertop materials.

BD-466 - 10:1 Ratio - Used for Bonding and Adhering steel and fiberglass rods into granites, stones, marbles, and other natural and synthetic countertop materials.

- DL-BD300-400 | 400ML - 1:1 CARTRIDGE
- DL-BD466-500 | 500ML - 10:1 CARTRIDGE
- DL-DISPENSER-400-MANUAL | GUN
- DL-MIXING TIP-200/400 | BULK TIPS
- DL-DISPENSER-500-MANUAL | GUN
- DL-MIXING TIP-250/500 | BULK TIPS

NINJA GLUE HY HYBRID

By American Acrylic Adhesives, LLC



- TWO-PART METHACRYLATE
- ULTRA VIOLET LIGHT STABLE
- 10:1 (10 PARTS RESIN, ONE PART ACTIVATOR)
- SUITABLE FOR SOLID SURFACE (ACRYLIC AND POLYESTER AND BLENDS), ENGINEERED STONE, AND NATURAL STONE PRODUCTS.
- 8-12 MINUTE WORKING TIME WITH 90 PERCENT OF ITS ULTIMATE STRENGTH IN 18- 22 MINUTES AT ROOM TEMPERATURE CURING.
- FEATURING FLOW-ABILITY, WITH DRIPLESS FEATURES ALLOWING FOR VERTICAL APPLICATIONS WITHOUT RUNNING AND DRIPPING LIKE MANY TRADITIONAL SEAMING ADHESIVES.

STOCK ADHESIVE & ACCESSORIES

250ML COLORS

- ALUMINUM - 642
- BEACH - 230
- BEIGE - 228
- CAMEO - 120
- CHALK - 100
- CHAMELEON - 800
- CLAY - 526
- CLEAR - 199
- CLOUD - 118
- DESIGN - 601
- DUNE - 310
- EARTH BROWN - 820
- FOG - 200
- GLACIER - 111
- I-BONE - 816
- ICE - 218
- I-PUDDING BROWN - 846
- MESA - 604
- MIDNIGHT - 532
- MISTY - 220
- NATURAL - 214
- NEUTRAL - 868
- PEWTER - 518
- PORCELAIN - 107
- SAND - 216
- STONE - 222
- TRANSPARENT WHITE- 825
- WINTER - 101

500ML COLORS

- CLEAR - 199
- TRANSPARENT WHITE - 825

RODDING / CLIP ADHESIVE



- ARC-250 (IN STOCK!) 50ML & 500ML ALSO AVAILABLE AS SPECIAL ORDER

ACCESSORIES



- BULK TIPS
- 50ML DISPENSER
- 250ML METAL GUN
- 500ML METAL GUN

NON STOCK ADHESIVES - ORDER BY NINJA COLOR

ALL 50ML CARTRIDGES
ANY 250ML OR 500ML COLOR NOT LISTED ABOVE

*~2 WEEK LEAD TIME.
AVAILABLE FOR I WEEK DIRECT SHIP WITH ADDITIONAL SHIPPING CHARGES

INTERESTED IN PUTTING TOGETHER A STOCKING PROGRAM? CONTACT US!

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

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GRAND RAPIDS, MI 49508
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FAX: 616-245-1890
EMAIL: SALES@DIRECTSUPPLYINC.COM

NINJA GLUE HY HYBRID
By American Acrylic Adhesives, LLC

TACTICAL COLOR SELECTION

199 - Clear, for dark colors (such as black) or very translucent colors
218 - Ice, for dark colors or very translucent colors, dark blues, dark greens, dark browns, etc.
220 - Misty, for medium-dark colors or slightly less-translucent light colors
214 - Natural, for neutral colors
120 - Cameo, for cameo and whitish translucent colors, off-whites, light greys
604 - Mesa, for medium browns and variations of browns
111 - Glacier, for bright whites
101 - Winter, for more opaque whites
230 - Beach, for more opaque neutral colors
800 - Chameleon, for stone and translucent colors, and glass-type colors

COLOR CHARTS

https://aaaglue.com/color-chart/

TECH SHEET

https://aaaglue.com/wp-content/uploads/2019/12/AAA-NinjaHY-TDS-Technical-Data-Sheet-191202.pdf

SDS

https://aaaglue.com/wp-content/uploads/2019/12/Ninja-Hybrid-SDS-191202.pdf

STORAGE & HANDLING

The shelf life of Ninja HY is two years from the date of manufacture based upon continuous storage at room temperature (77°F or 25°C). Storage of Ninja HY in refrigerated compartments will extend the shelf life even more. Do not store Ninja HY or any other adhesives in a refrigerator which has food or lunch products in them. Be sure to bring Ninja HY adhesives to room temperature before use, otherwise longer cure and fixture times may be expected. Long-term storage at temperatures above room temperature will shorten the shelf life of Ninja HY adhesives, especially the activity of the catalyst. Storage at temperatures above 100°F or 38°C could shorten the shelf life to less than one month. Ninja HY adhesives do not freeze in sub-zero temperatures. If Ninja HY adhesives are left in subzero temperatures (i.e. in a truck overnight(s) during wintertime, allow adhesive to return to room temperature before use. While Ninja HY adhesives can survive freezing temperatures, it is not advised to store them that way.

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

IN STOCK HIGH PERFORMANCE TRANSLUCENT SILICONE

SILCO INCORPORATED

Silco 100% RTV Silicone One Part Industrial / Construction Grade

MILDEW RESISTANT | NON YELLOWING | UV STABLE | VOC COMPLIANT

RTV 3500
5 TRANSLUCENT COLORS IN STOCK

- BEIGE
- CHARCOAL
- EARTH TONE
- GRAY
- WHITE



AXIOM 25 LTD.™

MILDEW RESISTANT | NON YELLOWING | UV STABLE | FORMULATED FOR SOLID SURFACE

IN STOCK

- OPTICALLY CLEAR



Axiom 25 100% Silicone High Quality One Part Silicone

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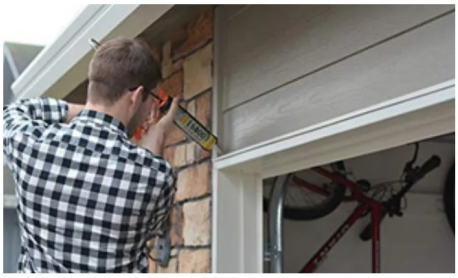
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IN THE HOME & ON THE JOB PRODUCTS
October 2021

CAN BE USED FOR

Marine Commercial Fleet Plant







UV RESISTANT
TOUGH
NON-FLAMMABLE
CHEMICAL RESISTANT
WATERPROOF
PAINTABLE
TEMPERATURE
RESISTANT
FLEXIBLE







E6000

SELF-LEVELING FORMULA



METALS, GLASS, RUBBER AND PLASTICS

E6100

NON- SAG FORMULA



PERFECT FOR OVERHEAD AND VERTICAL USE.
USE WHEREVER NAILS WON'T WORK!

UV6800

UV RESISTANT FORMULA



EXCELLENT INSULATOR AGAINST WATER. CAN BE USED FOR MARINE AND OUTDOOR APPLICATIONS.
FIBERGLASS, CONCRETE, METAL, GLASS AND WOOD!

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SURFACE MATERIALS \ CABINETRY \ HARDWARE

COLOR RITE CAULK & SILICONE

Excellent Color Matching & Custom Colors Available!

Acrylic - Adhesive Caulk / Sealant





Color Rite Caulk

- Available in 5.5 oz Squeeze Tube & 10.5 oz Cartridge
- Paintable
- VOC Compliant
- Mold & Mildew Reistant

Grout Caulk Sanded Acrylic

- Available in 10.5 oz Cartridge
- Sanded
- 100% RTV Silicone Sealant
- Ideal for Wet & High Moisture Areas
- Not Paintable

100% RTV Silicone Caulk / Sealant



Color Sil

- Available in 10.3 oz Cartridge
- Smooth, Satin & Sanded Finishes
- 100% RTV Silicone Sealant
- Ideal for Wet & High Moisture Areas
- Not Paintable



Sil Pro

- Clear 100% RTV Silicone
- UV Stable & Waterproof
- VOC Complaint
- USDA Approved
- FDA Reg 21
- NSF Standard 51

TR-800



- Available in 10.3 oz Cartridge
- Translucent
- 100% RTV Silicone Sealant
- VOC Complainat
- Mold & Mildew Resistant
- Perfect for Countertop Surfaces

Check out the Pretooling Mist & Perfect Bead Tool for Easy Application & Clean Up!

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HARDWARE

Quick Ship Cabinet Hardware Catalog



QUICK SHIP DECORATIVE HARDWARE

Manhattan Collection







96MM C/C CUP PULL
P-92926-10B
P-92926-BK
P-92926-PC
P-92926-RG
P-92926-SN
128MM C/C CUP PULL
P-92927-10B
P-92927-BK
P-92927-PC
P-92927-RG
P-92927-SN
160MM C/C CUP PULL
P-92928-10B
P-92928-BK
P-92928-PC
P-92928-RG
P-92928-SN





Finish Codes

10B Oil Brushed Bronze | RG Radiant Gold | SN Satin Nickel
PC Polished Chrome | BK Matte Black | NEW! DP Dark Pewter

Finish and size pictured may vary, see actual sample.

QUICK SHIP DECORATIVE HARDWARE

Colorado Collection



96MM C/C CUP PULL
- P-92836-10B
- P-92836-BK
- P-92836-PC
- P-92836-RG
- P-92836.SN

128MM C/C CUP PULL
- P-92837-10B
- P-92837-BK
- P-92837-PC
- P-92837-RG
- P-92837-SN

160MM C/C CUP PULL
- P-92838-10B
- P-92838-BK
- P-92838-PC
- P-92838-RG
- P-92838-SN



32MM KNOB
- K-92925-10B
- K-92925-BK
- K-92925-PC
- K-92925-RG
- K-92925-SN

Finish Codes

10B Oil Brushed Bronze | RG Radiant Gold | SN Satin Nickel
PC Polished Chrome | BK Matte Black | NEW! DP Dark Pewter

Finish and size pictured may vary, see actual sample.

Washington Collection



96MM C/C - 136 MM OL
- P-91296-10B
- P-91296-RG
- P-91296-SN

128 C/C - 168 MM OL
- P-91297-10B
- P-91297-RG
- P-91297-SN

160 MM C/C - 200 MM OL
- P-91298-10B
- P-91298-RG
- P-91298-SN

SQUARE KNOB - 33.6X25 MM
- K-91090-10B
- K-91090-RG
- K-91090-SN

Modern Square Collection



96MM C/C
- P-87226-10B
- P-87226-RG
- P-87226-SN
- P-87226-PC
- P-87226-BK

128 MM C/C
- P-87227-10B
- P-87227-RG
- P-87227-SN
- P-87227-PC
- P-87227-BK

160 MM C/C
- P-87228-10B
- P-87228-RG
- P-87228-SN
- P-87228-PC
- P-87228-BK

192 MM C/C
- P-87229-10B
- P-87229-SN
- P-87229-RG

224 MM C/C
- P-87300-10B
- P-87300-SN

1" SQUARE KNOB
- K-83125-10B
- K-83125-RG
- K-83125-SN
- K-83125-PC
- K-83125-BK
- K-83125-DP

Finish Codes

10B Oil Brushed Bronze | RG Radiant Gold | SN Satin Nickel
PC Polished Chrome | BK Matte Black | NEW! DP Dark Pewter

Finish and size pictured may vary, see actual sample.

St. Louis Arch Pulls



96MM C/C - 133 MM OL
P-91496-10B
P-91496-SN
128 MM C/C - 165 MM OL
P-91497-10B
P-91497-SN
160 MM C/C - 195 MM OL
P-91498-10B
P-91498-SN

Modern Smooth Pulls



96MM C/C - 120 MM OL
P-80572-RG
P-80572-SN
P-80572-PC
P-80572-BK
P-80572-DP
128 MM C/C - 149 MM OL
P-81572-RG
P-81572-SN
P-81572-PC
P-81572-BK
P-81572-DP
160 MM C/C - 190 MM OL
P-83572-RG
P-83572-SN
P-83572-PC
P-83572-BK
P- 83572-DP

Finish Codes

10B Oil Brushed Bronze | RG Radiant Gold | SN Satin Nickel
PC Polished Chrome | BK Matte Black | NEW! DP Dark Pewter

Finish and size pictured may vary, see actual sample.

12 mm Diameter Industrial Bar Pulls



64MM C/C - 115 MM OL
P-104-SN
96 MM C/C - 6 IN. OL
P-1096-10B
P-1096-BK
P-1096-PC
P-1096-RG
P-1096-SN
P-1096-DP

12mm 6" OL x 3" CC
P-106-DP

5 IN. C/C - 8 IN. OL
P-108-10B
P-108-BK
P-108-RG
P-108-SN
P-108-DP
7 IN. C/C - 10 IN. OL
P-110-10B
P-110-RG
P-110-SN
9 IN. C/C - 12 IN. OL
P-112-10B
P-112-RG

12 mm Diameter Bar Pull Knobs



12mm Diameter - 2" OL
K-102-10B
K-102-RG
K-102-SN
K-102-BK
K-102-PC

Finish Codes

10B Oil Brushed Bronze | RG Radiant Gold | SN Satin Nickel
PC Polished Chrome | BK Matte Black | NEW! DP Dark Pewter

Finish and size pictured may vary, see actual sample.

QUICK SHIP DECORATIVE HARDWARE

Modern Pulls



96MM C/C
- P-82234-10B
- P-82234-BK
- P-82234-PC
- P-82234-SN

128 MM C/C
- P-82034-10B
- P-82034-BK
- P-82034-PC
- P-82034-SN

160 MM C/C
- P-81235-10B
- P-81235-BK
- P-81235-PC
- P-81235-SN

Rustic Pulls



96MM C/C
- P-86373-10B
- P-86373-BK
- P-86373-PC
- P-86373-RG
- P-86373-SN

128 MM C/C
- P-86374-10B
- P-86374-BK
- P-86374-PC
- P-86374-RG
- P-86374-SN

160 MM C/C
- P-86375-10B
- P-86375-BK
- P-86375-PC
- P-86375-RG
- P-86375-SN

Finish Codes

10B Oil Brushed Bronze | RG Radiant Gold | SN Satin Nickel
PC Polished Chrome | BK Matte Black | NEW! DP Dark Pewter

Finish and size pictured may vary, see actual sample.

QUICK SHIP DECORATIVE HARDWARE

Deco Pulls



96MM C/C
- P-87215-10B
- P-87215-BK
- P-87215-PC
- P-87215-SN

128 MM C/C
- P-87216-10B
- P-87216-BK
- P-87216-PC
- P-87216-SN

160 MM C/C
- P-87218-10B
- P-87218-BK
- P-87218-PC
- P-87218-SN

Transitional Collection



96MM C/C
- P-81092-10B
- P-81092-BK
- P-81092-PC
- P-81092-RG
- P-81092-SN

128 MM C/C
- P-82092-10B
- P-82092-BK
- P-82092-PC
- P-82092-RG
- P-82092-SN

160 MM C/C
- P-83092-10B
- P-83092-BK
- P-83092-PC
- P-83092-RG
- P-83092-SN



32 MM KNOB
- K-81091-10B
- K-81091-BK
- K-81091-PC
- K-81091-RG
- K-81091-SN

Finish Codes

10B Oil Brushed Bronze | RG Radiant Gold | SN Satin Nickel
PC Polished Chrome | BK Matte Black | NEW! DP Dark Pewter

Finish and size pictured may vary, see actual sample.

QUICK SHIP DECORATIVE HARDWARE

Additional Radiant Gold Finish



ARCH PULL 128 MM C/C
P-21768-RG
MODERN SQUARE PULL 96 MM C/C
P-81456-RG
MODERN SQUARE PULL 128 MM C/C
P-81458-RG
CLASSIC DECO PULL 128 MM C/C
P-86718-RG
30 MM DIECAST KNOB
K-910-RG
CLASSIC DECO KNOB 65 MM
K-86618-RG

Mushroom Knob



31 MM KNOB
K-81361-10B
K-81361-BK
K-81361-PC
K-81361-SN

Traditional Knob



1-3/8" KNOB
K-971-10B
K-971-BK
K-971-PC
K-971-RG
K-971-SN

Finish Codes

10B Oil Brushed Bronze | RG Radiant Gold | SN Satin Nickel
PC Polished Chrome | BK Matte Black | NEW! DP Dark Pewter

Finish and size pictured may vary, see actual sample.

QUICK SHIP DECORATIVE HARDWARE

Modern Knob



32 MM KNOB
- K-1218-10B
- K-1218-BK
- K-1218-PC
- K-1218-RG
- K-1218-SN

3" Cup Pulls



3" C/C CUP PULL
- P-953-10B
- P-953-BK
- P-953-RG
- P-953-SN

3" Bin Pulls



3" C/C BIN PULL
- P-80753-10B
- P-80753-BK
- P-80753-PC
- P-80753-SN
- P-80753-RG

3" Smooth Cup Pull



3" C/C CUP PULL
- P-82981-PC
- P-82981-RG

Finish Codes

10B Oil Brushed Bronze | RG Radiant Gold | SN Satin Nickel
PC Polished Chrome | BK Matte Black | NEW! DP Dark Pewter

Finish and size pictured may vary, see actual sample.

QUICK SHIP DECORATIVE HARDWARE

Knob

COLORADO KNOB



Square base

30MM

K-94723-10B | K-94723-BK | K-94723-DP | K-94723-PC | K-94723-RG | K-94723-SN

CHARLESTON COLLECTION



36×28 Rectangular Knob

K-92430-10B | K-92430-BK | K-92430-DP | K-92430-PC | K-92430-RG | K-92430-SN

MILAN COLLECTION



28mm Square Knob

K-92230-10B | K-92230-BK | K-92230-DP | K-92230-PC | K-92230-RG |K-92230-SN



30mm Diecast Knob
K-910-10B

Finish Codes

10B Oil Brushed Bronze | RG Radiant Gold | SN Satin Nickel
PC Polished Chrome | BK Matte Black | NEW! DP Dark Pewter

Finish and size pictured may vary, see actual sample.

QUICK SHIP DECORATIVE HARDWARE

6″ Edge Pull

Pointed edge

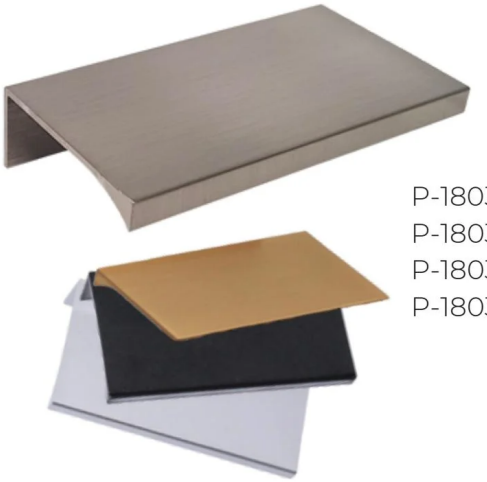
P-1806-BK
P-1806-10B
P-1806-SN
P-1806-SG





3″ Edge Pull

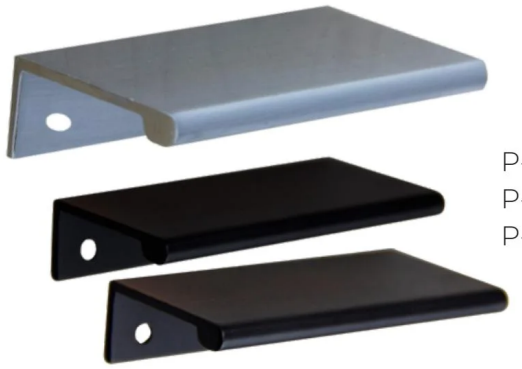
Pointed Edge



P-1803-BK
P-1803-PC
P-1803-SG
P-1803-SN

3″ Edge Pull

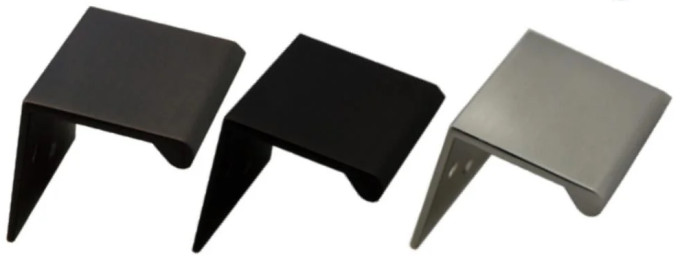
Round Edge



P-1876-BK
P-1876-10B
P-1876-SN

2″ Edge Pull

Round Edge



P-80014-BK
P-80014-10B
P-80014-SN

Finish Codes

10B Oil Brushed Bronze | RG Radiant Gold | SN Satin Nickel
PC Polished Chrome | BK Matte Black | NEW! DP Dark Pewter

Finish and size pictured may vary, see actual sample.

201

SUGATSUNE

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ESOR COLLECTION



HISTORY

ESOR is a small foundry that specializes in making decorative handles born out of a deep basque tradition of metal working.

PRODUCT

ESOR's hand-crafted products are designed with a contemporary style that is elegant and smooth to touch, creating a luxurious allure.

SUGATSUNE
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- Hand Crafted
- Smooth to the Touch
- Contemporary Designs



ESOR handles are hand crafted to create a rustic feel in finishes with black, gold, silver, and copper.



ES-Z405-64
Center to Center: 2-1/2" (64mm)



ES-Z010-96
Center to Center: 3-3/4" (96mm)



ES-Z402-128
Center to Center: 5-7/16" (128mm)



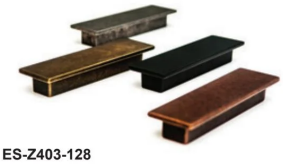
ES-Z404-192
Center to Center: 7-9/16" (192mm)



ES-Z401-128
Center to Center: 5-7/16" (128mm)



ES-Z004-160
Center to Center: 6-5/16" (160mm)



ES-Z403-128
Center to Center: 5-7/16" (128mm)



ES-Z006-192
Center to Center: 7-9/16" (192mm)



ES-Z007-160
Center to Center: 6-5/16" (160mm)



ES-Z005-192
Center to Center: 7-9/16" (192mm)



ES-Z001-224
Center to Center: 8-13/16" (224mm)

ES-Z002-224
Center to Center: 8-13/16" (224mm)



ES-Z003-224
Center to Center: 8-13/16" (224mm)



ES-Z009-96
Center to Center: 3-3/4" (96mm)



ES-Z008-128
Center to Center: 5-7/16" (128mm)



ES-A401-41
Depth: 1-9/16" (40mm)



ES-Z201-33
Diameter: 1-5/16" (33mm)

Top-Shelf Hardware

Also available in top opening motion.







Easy Installation, simply place the cup hinge and then screw-on the Aileron Lid-stay, that simple.

THE *AILERON* SYSTEM

When it comes to sophistication, less is more and when coupled with beautiful functionality, less is definitely *most*. We introduce to you the elegant **Aileron System** by Sugatsune, free-stop, soft down stay and lift assist with minimum required hardware components.

The **Aileron System** creates a continuous door movements with adjustable closing speed and free-stop functions.

Visit **sugatsune.com** for more information about this and other innovative products.

SUGATSUNE

Chicago Showroom
121 West Wacker Drive,
Chicago, IL 60601
www.sugatsune.com

LIFT-ASSIST LID STAY with soft close (top opening) ARN-2

- Smooth door movement. It is specially designed for use with the OLYMPIA concealed hinge (360-D26-19).
- The lift-assist function allows for light opening of doors.
- The free-stop function enables doors to hold in position (30°–Max.).
- The soft-close function makes doors close gently (0°–30° degrees).
- Integrated design combines a concealed hinge and lid stay.
- Closing speed of doors is adjustable.



Components for a single door		
	Aileron	1
	Mounting plate for Aileron	1
	Olympia Concealed Hinge	2
	Mounting plate for Olympia	1
 Olympia 8 Aileron 6 Aileron 2	Screws	16

Lift-assist
Allows for light opening of doors

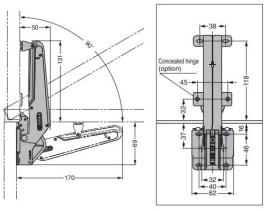


Free stop
Enables doors to hold in position (30°–Max.).



Soft close
Built-in damper makes doors close slowly.





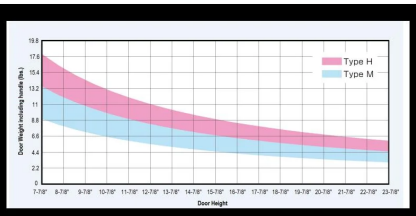
THE OLYMPIA HINGE

With 5-level damper function, part of the Aileron soft-opening system.



5-speed adjustable soft close.
The first Sugatsune concealed hinge ever built with Lapcon technology.

Lapcon.



Refer to the graph above as a guide for model selection. For use with doors outside of the scope of this graph, use the calculation below. Door weight must include all attached accessories.

Torque (lbs • inch) =
Door height (inches) × 0.5 × weight (lbs).

Torque Range (lbs-in)	Type	Number of AILERON
35.4~53.1	M	1 pc
53.1~70.8	H	

Item No.	Torque (kg·cm)	Weight (g)	Box (pcs)	Carton (pcs)
ARN-2-M-S	40.8~61.2 (35.4~53.1 lbs·in)	703	1	10
ARN-2-H-S	61.2~81.6 (53.1~70.8 lbs·in)			

Material	Finish/Color
Steel, Zinc Alloy	Nickel
Plastic	Grey

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(U.S.A. Only)

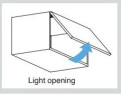
LIFT-ASSIST LID STAY with soft close (upward opening) ARN-3

- Smooth door movement. It is specially designed for use with the OLYMPIA concealed hinge (360-D26-19).
- The lift-assist function allows for light opening of doors.
- The free-stop function enables doors to hold in position (30°–Max.).
- The soft-close function makes doors close gently (0°–30° degrees).
- Integrated design combines a concealed hinge and lid stay.
- Closing speed of doors is adjustable.

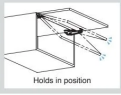


Components for a single door		
	Aileron	1
	Mounting plate for Aileron	1
	Olympia Concealed Hinge	2
	Mounting plate for Olympia	1
 Olympia 8 Aileron 6 Aileron 2	Screws	16

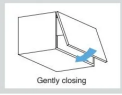
Lift-assist
Allows for light opening of doors

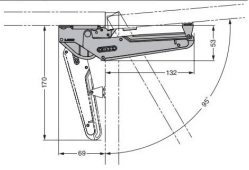


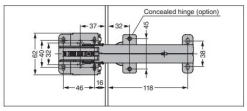
Free stop
Enables doors to hold in position (30°–Max.).



Soft close
Built-in damper makes doors close slowly.







Item No.	Torque (kg·cm)	Weight (g)	Box (pcs)	Carton (pcs)
ARN-3-M-S	40.8~61.2 (35.4~53.1 lbs·in)	703	1	10
ARN-3-H-S	61.2~81.6 (53.1~70.8 lbs·in)			

Material	Finish/Color
Steel, Zinc Alloy	Nickel
Plastic	Grey

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(U.S.A. Only)

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

SUGATSUNE

STOCKED DOOR STRAIGHTENERS

Protect your doors from future warping with Sugatune door straighteners.



Concealed
or
Recessed

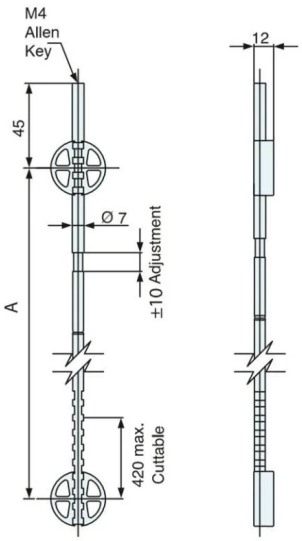
Door length
In-Stock
48 3/16" ~ 64 3/4"

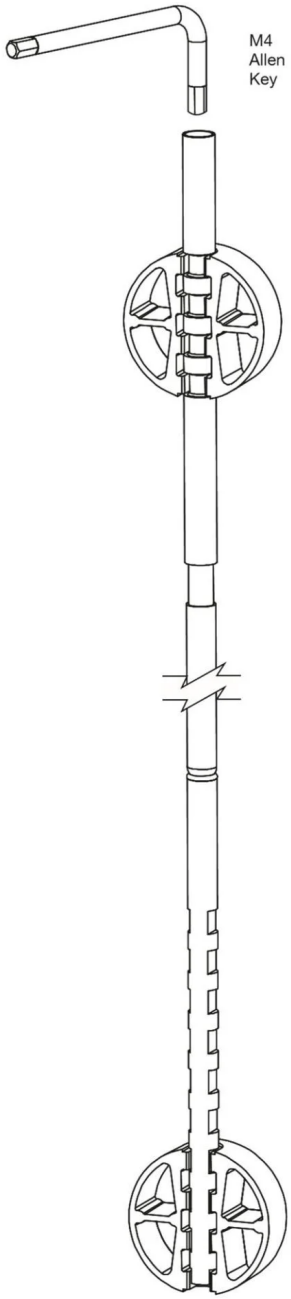
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P: 616-245-4415 | F: 616-245-1890 | sales@directsupplyinc.com

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SURFACE MATERIALS \ CABINETRY \ HARDWARE

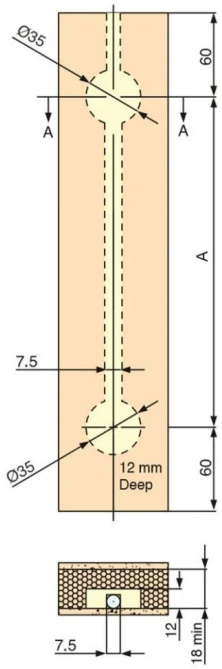
SUGATSUNE

DSR403-CONCEALED









- Installed at time of production.
- Adjustors installed 60mm from the top and bottom of the door
- 10mm adjustment can be made from the top of the door using M4 Allen key (included).
- Fully concealed/ hidden door straighter, recess mounted under laminate.
- Pressure-fit into place, screws not needed for installation.
- Min door thickness 18mm (11/16").

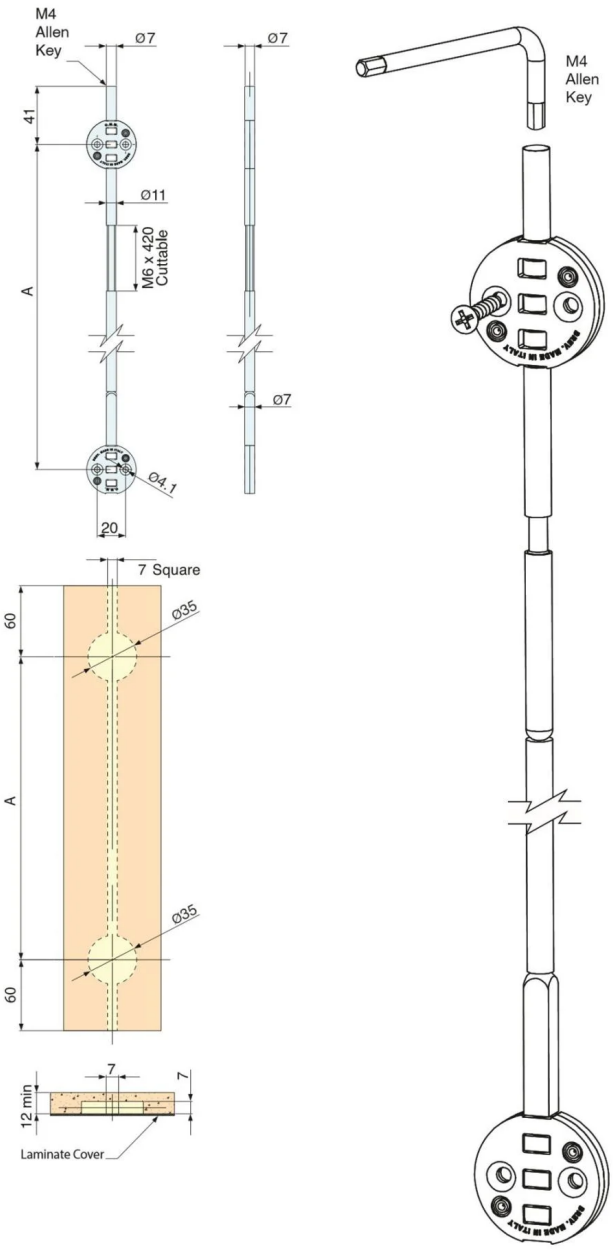
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SUGATSUNE

DSR423-CONCEALED

- Installed at time of production.
- Adjustors installed 60mm from the top of the door.
- Fully concealed/ hidden door straightener. Recess mounted under laminate.
- 10mm adjustment can be made from the top of the door with a M4 Allen key (Included).
- Min door thickness 12mm (1/2").
- Optional mounting holes to secure door.





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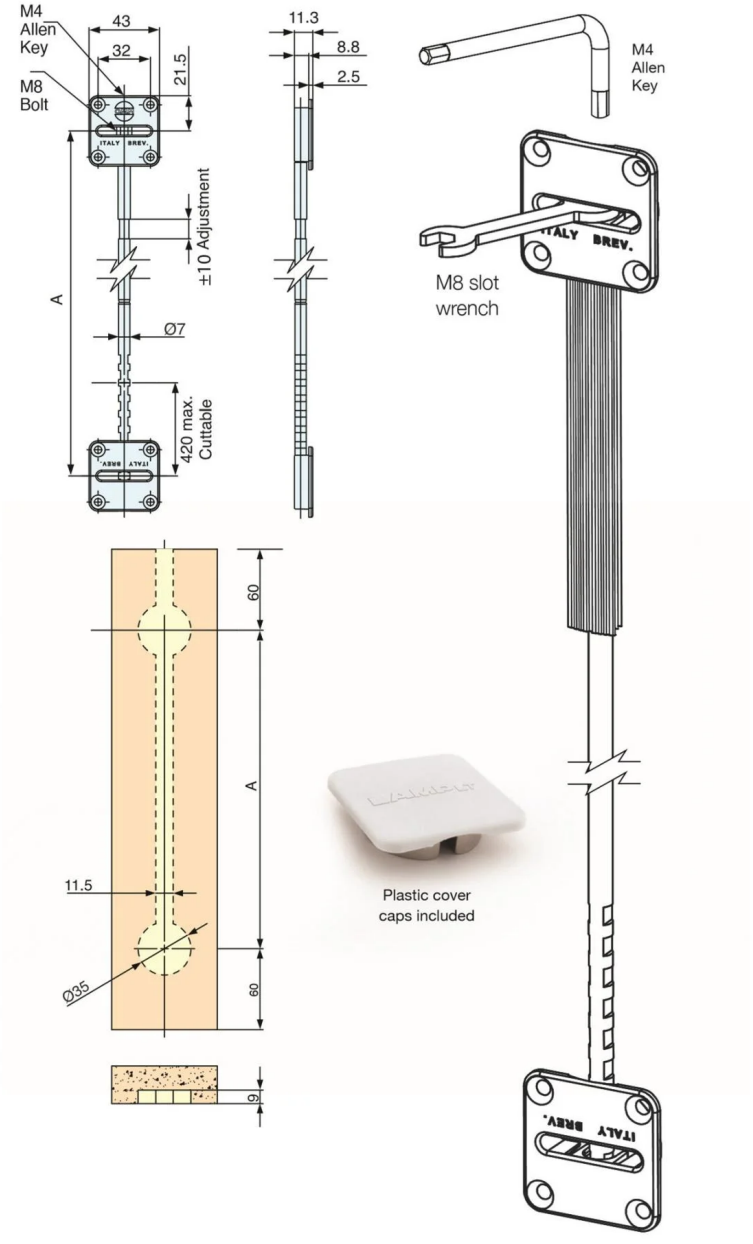
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SUGATSUNE

DSR213-RECESSED

- Install at time of production.
- Adjustors installed 60 mm from the top and bottom of the door.
- Adjustment can be made from top of the door with a M4 Allen key (included) or with a M8 slot wrench (included)
- Requires 8 M4 flathead countersunk wood screws for installation.
- Min door thickness 16mm (5/8").





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IN STOCK

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IN STOCK



FOLDING BRACKETS



CABINET HINGES



HOOKS



CATCHES & LATCHES



LID STAYS/SUPPORTS



CONCEALED DOOR HINGES



SLIDING DOOR PULLS



PANEL MOUNTING SYSTEM

Quality Forward

To hear is to know, to touch is to understand. When you touch Sugatsune's products, you can understand the quality our company exhibits. That quality is shown in our exceptional customer support, meticulous detail in product development, prompt service with adequate inventory, and helpful distributors in your area to service you.

Customer Service

For over 30 years we have provided North America with outstanding and quality customer support; our customer service team has extensive product knowledge so we can assist our customers with timely and clear information. We ensure not only will our products be of high quality, but that you will be completely satisfied with our customer service team. We believe that you cannot have great products without great customer service.



Product Development

Our company dedicates a large staff for research and development of new and innovative products, making us the first in product development. We determine each product by functionality and convenience, making us able to set the market trends; however, we also encourage new designs suggested by the consumers. Each new product is tested and rated for exceptional durability and quality, assuring that you will get the finest finished product.

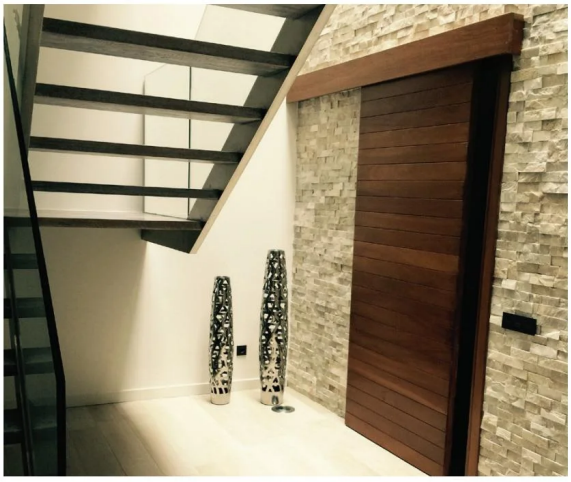


Inventory

Quality service requires fast processing and shipping lead times. Our purchasing ensures that each stock item is kept to the maximum quantity and our customer service team will work with you on special order items. With over 5,000 items stocked, our facility has the capacity to service the demands of our customers in North America.

Sales Channel

Our customers deserve fast and adequate service so our extensive distributor network is prepared to assist you with Sugatsune products. Our distributors have been evaluated to be the best so you can establish a relationship, receive excellent service, and receive fair pricing. Conveniently locate your local distributor on our website or call us for recommendations.



Type	SDR-RA80-SM	
	Surface Mount Sliding Door	
Roller	Top Surfaced	
Track Mounting	Ceiling	Wall w/Continuous Bracket
Door Weight	Max. 200lbs (90 kg)	
Door Thickness	Min. 1-1/8"(28 mm)	
Door Width	Two-Way Soft Close Min. 33-7/16" (850 mm) Standard Close Min. 25-9/16" (650 mm)	

- **200lbs (90kg)**
- **Ceiling and Barn Door Mount**
- **Surface Mounted door brackets**
- **Double rollers with ball bearings**
- **Quiet precision movement**
- **Soft Close Feature**
- **Vertical Adjustment ± 1/16" (1mm)**

SLIDING DOOR HARDWARE

Image	Part No.	Description	Finish	Image	Part No.	Description
	SDR-RA80-2000	2000mm Sliding Door Track	Aluminum		SDR-RA80-SM-KIT	Sliding Door Surface Mount Kit
	SDR-RA80-8006	Soft-close Sliding Door Rollers	-		SDR-RA80-SM-DSC	Surface Mount Brackets + Soft Close Rollers

SDR-RA80-SM-KIT + SDR-RA80-8006

SLIDING DOOR HANDLES

Image	Part No.	Description	Finish	Image	Part No.	Description	Finish
	DSI-3250-35	S/S Sliding Door Handle	Satin		DSI-4251-35	S/S Sliding Door Handle	Satin

SLIDING DOOR LATCHES

Image	Part No.	Description	Finish	Image	Part No.	Description	Finish
	HC-3051-CLD-NI	Sliding Door Latch (Cylinder Lock)	Polished		HC-30	Sliding Door Latch	Satin
	HC-3051-IND-NI	Sliding Door Latch (Indicator)	Polished		HC-30R	Sliding Door Latch	Satin
	HC-3051-DSL-NI	Sliding Door Latch (Double Sliding)	Polished		HC-30L	Sliding Door Latch	Satin
	HC-3051-PRV-NI	Sliding Door Latch (Privacy)	Polished				

HANDLE PULLS

Image	Part No.	Description	Finish	
	UT-105/S-1	Recessed Pull	Satin	

MAGNETIC CATCHES

Image	Part No.	Description	Mag. Force	Image	Part No.	Description	Mag. Force
	MC-159	Ultra Thin Magnetic Catch	8.8 lbs		MC-JM50WT	Sealed Magnetic Catch	6.6 lbs
	MC-YN001P	Ultra Thin Magnetic Catch w/ Strike Plate	5.9 lbs		MC-JM49	Strike Plate for MC-JM50 & MC-JM45	–
	MC-JM45WT	Sealed Magnetic Catch	6.6 lbs		MCH-80	Heavy Duty Magnetic Catch	
	MC-JM50BL	Sealed Magnetic Catch	6.6 lbs				

TENSION CATCHES

Image	Part No.	Description	Push/Pull Force	Image	Part No.	Description	Push/Pull Force
	BCT-40	Tension Catch	9.7 lbs / 6.6 lbs		BCTS-40	S/S Tension Catch	4.4 lbs / 2.9 lbs
	BCT-50	Tension Catch	9.0 lbs / 7.3 lbs		BCTS-50	S/S Tension Catch	5.0 lbs/ 3.9 lbs
	BCT-70	Tension Catch	10.1 lbs / 7.7 lbs				

PLASTIC CATCHES

Image	Part No.	Description	Push/Pull Force	Image	Part No.	Description	Push/Pull Force
	6900/WHT	Plastic Catch	2.4 lbs / 3.5 lbs		6901/BRN	Plastic Catch	4.8 lbs / 7 lbs
	6901/WHT	Plastic Catch	4.8 lbs / 7 lbs		K-CATCH/ WHT-T	Knuckle Catch White	12.5 lbs / 15.6 lbs

NON-MAGNETIC TOUCH LATCHES

Image	Part No.	Description	Retaining Force	Image	Part No.	Description	Retaining Force
	MC-37/BLK-1	Non-Magnetic Touch Latch	17.6 lbs		MC-37/BRN-1	Non-Magnetic Touch Latch	17.6 lbs
	MC-37/WHT-1	Non-Magnetic Touch Latch	17.6 lbs		MC-28/BLK	Non-Magnetic Touch Latch	6.6 lbs
	MLC-100WT	Non-Magnetic Touch Latch (Long Stroke)	13.2 lbs Push force: 2.8lbs				

MAGNETIC TOUCH LATCHES

Image	Part No.	Description	Mag. Force	Image	Part No.	Description	Mag. Force
	ML-80/BRN	Magnetic Touch Latch	3.5 lbs		ML-120/WHT	Long Stroke Magnetic Touch Latch	5.2 lbs
	ML-80/BLK	Magnetic Touch Latch	3.5 lbs		ML-120/BRN	Long Stroke Magnetic Touch Latch	5.2 lbs
	ML-80/WHT	Magnetic Touch Latch	3.5 lbs				

SLIDE/BARREL BOLTS

Image	Part No.	Description	Finish	Image	Part No.	Description	Finish
	KR-50	S/S Slide Bolt	Satin				

DROP/TABLETOP HINGES

Image	Part No.	Description	Finish	Image	Part No.	Description	Finish
	SDH-001/BLK	Drop Hinge	Black		SDH-P/WT	Drop Hinge	White
	SDH-001/NI	Drop Hinge	Nickel		SMH-83/CR	Table Top Hinge	Chrome
	SDH-P/BL	Drop Hinge	Black		SMH-83/S	Table Top S/S Hinge	Satin
	SDH-P/NI	Drop Hinge	Nickel				

PIVOT HINGES

Image	Part No.	Description	Finish	Image	Part No.	Description	Finish
	PP-L	S/S Hinge, Left	Satin		PP-R	S/S Hinge, Right	Satin

CONCEALED CABINET HINGES

Image	Part No.	Description	Finish	Image	Part No.	Description	Finish
	J95-24/25T	Heavy Duty Full Overlay Free Swinging Hinge	Load Rating 55 lbs/2pcs. 88 lbs/3pcs.		304B-P4A/32-3W	3Way Adjustable Mounting Plate for 304B Hinge	Polished
	J95-C24/25T	Heavy Duty Full Overlay Self Closing Hinge	Load Rating 55 lbs/2pcs. 88 lbs/3pcs.		304B-P4A/32	Mounting Plate for 304B Hinge	Polished
	J95-P6T	Mounting Plate for J95 Hinge	Nickel		FFCB-HG-1	Face Frame Bracket for 304B Hinge	Nickel
	J95ZC-NI	Mounting Plate Cover for J95-P6T	Nickel		R-60	Concealed Hinge	Satin Chrome
	J95-SC-25NI	Hinge Cover for J95-24/25T	Nickel		R-70	Concealed Hinge	Satin Chrome
	304B-46/9	S/S Hinge 9mm, Free Swing	Polished		R-100	Concealed Hinge	Satin Chrome
	304B-C46/9	S/S Hinge 9mm, Self Closing	Polished		HES3D-70DC	3/4" Door Thickness 3-Way Adjustable Concealed Hinge	Dull Chrome
	304B-46/19	S/S Hinge 19mm, Free Swing	Polished		HES3D-70BL	3/4" Door Thickness 3-Way Adjustable Concealed Hinge	Black
	304B-C46/19	S/S Hinge, 19mm, Self Closing	Polished		HES3D-90DN	1" Door Thickness 3-Way Adjustable Concealed Hinge	Dull Nickel

CONCEALED DOOR HINGES

Image	Part No.	Description	Load Capacity	Image	Part No.	Description	Load Capacity
	HES3D-E190DC-UL (Dull Chrome)	3-Way Adjustable Concealed Hinge	220 lbs/2pcs. 275 lbs/3pcs.		HES3D-120DC (Dull Chrome)	3-Way Adjustable Concealed Hinge	66 lbs/2pcs. 88 lbs/3pcs.
	HES3D-E190DN-UL (Dull Nickel)	3-Way Adjustable Concealed Hinge	220 lbs/2pcs. 275 lbs/3pcs.		HES3D-120DN (Dull Nickel)	3-Way Adjustable Concealed Hinge	66 lbs/2pcs. 88 lbs/3pcs.
	HES3D-E190BL-UL (Black)	3-Way Adjustable Concealed Hinge	220 lbs/2pcs. 275 lbs/3pcs.		HES3D-120BL (Black)	3-Way Adjustable Concealed Hinge	66 lbs/2pcs. 88 lbs/3pcs.

GLASS DOOR HINGES

Image	Part No.	Description	Finish	Image	Part No.	Description	Finish
	XL-GH01-600	Inset Glass Door Hinge	Polished		GH-34/0/CR-P	Inset Glass Door Hinge	Chrome
	XL-GH01-250	Inset Glass Door Hinge	Polished		GH-34/0/BL-P	Inset Glass Door Hinge	Black
	XL-GH03-48-8CR	Half Overlay Glass Door Hinge	Chrome		GH-34/8/CR-P	Half Overlay Glass Door Hinge	Chrome
	XL-GH03-48-0CR	Inset Glass Door Hinge	Chrome		GH-34/8/BL-P	Half Overlay Glass Door Hinge	Black
	GHC-34/8/BLK	Half Overlay Glass Door Hinge w/ Catch	Black		GH-34/8/S-P	Half Overlay Glass Door Hinge	Stainless Steel
	GHC-34/8/PB	Half Overlay Glass Door Hinge w/ Catch	Polished Brass		GH-34/0/S-P	Inset Glass Door Hinge	Stainless Steel
	GHC-34/8/CR	Half Overlay Glass Door Hinge w/ Catch	Chrome				

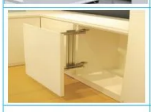
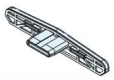
SOFT-DOWN STAYS

Image	Part No.	Description	Torque	Image	Part No.	Description	Torque
	NSDX-10LK NSDX-10RK	Downward Opening Stay (Left, Right)	19~60 lbs/in per piece 38~120 lbs/in per pair		SDS-C100/BLK	Downward Opening Stay (Non-Handed)	30~43 lbs/in per piece 60~86 lbs/in per pair
	NSDX-20LK NSDX-20RK	Top Opening Stay (Left, Right)	19~60 lbs/in per piece 38~120 lbs/in per pair		SDS-C100/WHT	Downward Opening Stay (Non-Handed)	30~43 lbs/in per piece 60~86 lbs/in per pair
	NSDX-35LK NSDX-35RK	Upward Opening Stay (Left, Right)	19~60 lbs/in per piece 38~120 lbs/in per pair		SLS-ELAN-ML SLS-ELAN-MR	Upward Opening Stay (Left,Right)	48~65 lbs/in per piece 96~130 lbs/in per pair
	FFCB-SD-1	Face Frame Bracket for SDS & NSDX Stay	—		SLS-ELAN-HL SLS-ELAN-HR	Upward Opening Stay (Left,Right)	65~87 lbs/in per piece 130~174 lbs/in per pair
	SDS-C301N/BLK	Top & Upward Opening Stay (Non-Handed)	35~60 lbs/in per piece 70~120 lbs/in per pair		FFCB-SLS	Face Frame Bracket for SLS-ELAN	—
	SDS-C301N/WHT	Top & Upward Opening Stay (Non-Handed)	35~60 lbs/in per piece 70~120 lbs/in per pair				

VERTICAL SWING LIFT-UP MECHANISM

Image	Part No.	Description	Door Weight	Image	Part No.	Description	Door Weight
	SLUN-3N	Vertical Swing Lift-Up Mechanism	6.2~8.4 lbs		SLUN-5N	Vertical Swing Lift-Up Mechanism	10.6~12.8 lbs
	SLUN-4N	Vertical Swing Lift-Up Mechanism	8.4~10.6 lbs		SLUB-835	Connecting Bar for SLUN	Size: 32-7/8" (835 mm)

LATERAL OPENING

Image	Part No.	Description	Door Dimensions	Image	Part No.	Description	Door Dimensions
	LIN-X1000	Heavy Duty Lateral Opening Door Hinge	W: 29-17/32~43-5/16" H: Max. 117-21/64" Thickness: 15/16~1-37/64" Max. Door Weight: 198lbs/door		LIN-X600	Lateral Opening Door Hinge Set	W:21-5/8"~25-9/16" H: 23-5/8"~94-1/2" 37.4 lbs
	LIN-X450	Lateral Opening Door Hinge Set	W:15-3/4"~19-11/16" H: 23-5/8"~94-1/2" 37.4 lbs		LIN-X60-L1740	Connecting Bar L=1740mm	Door Height: 70-7/8"~82-11/16"
	LIN-X450-L1740	Connecting Bar L=1740mm	Door Height: 70-7/8"~82-11/16"		LIN-X60-L2040	Connecting Bar L=2040mm	Door Height: 82-11/16"~94-1/2"
	LIN-X450-L2040	Connecting Bar L=2040mm	Door Height: 82-11/16"~94-1/2"		LIN-X600ACD	Single Arm With Damper	—
	LIN-X450ACD	Single Arm With Damper	—		LIN-X600A	Single Arm Without Damper	—
	LIN-X450A	Single Arm Without Damper	—		LIN-X60C	End Cap for Connecting Bar	—
	LIN-X450C	End Cap for Connecting Bar	—		FFCB-HG-1	Face Frame Bracket for LIN-X	Finish Nickel
	230-P4W-32T	Mounting Plate for LIN-X	Finish Nickel				

FULL EXTENSION DRAWER SLIDES

Image	Part No.	Description	Load Rating	Image	Part No.	Description	Load Rating
	ESR-3813-(8/10/12/14/16/18/20/22)	S/S 38mm Slide	68~98 lbs		ESR-DC4513-(10/12/14/16/18/20/22)	S/S 45mm Slide	95~115 lbs

HOOKS

Image	Part No.	Description	Load Capacity	Image	Part No.	Description	Load Capacity
	DSH-01	Coat Hook	22 lbs		JF-120	S/S Hook	48 lbs
	EL-25	S/S Hook	44 lbs		TF-20	S/S Hook	6.6 lbs
	EL-30	S/S Hook	44 lbs		TF-30	S/S Hook	15.4 lbs
	EP-25	S/S Hook	44 lbs		TF-35	S/S Hook	26 lbs
	EP-40	S/S Hook	44 lbs		TL-20	S/S Hook	11 lbs
	FC-50	S/S Hook	22 lbs		TL-30	S/S Hook	11 lbs
	FC-65	S/S Hook	26 lbs		TL-40	S/S Hook	26 lbs
	HJ-50	S/S Hook	22 lbs		TY-25	S/S Hook	6.6 lbs
	JF-45	S/S Hook	22 lbs		TY-30	S/S Hook	15.4 lbs
	JF-70	S/S Hook	22 lbs		TY-35-15	S/S Hook	15.4 lbs
	JF-110	S/S Hook	26 lbs		TY-40-15	S/S Hook	17.6 lbs
	PXB-GR05-111LYE	Rubber Hook	22 lbs		PXB-GR05-111LGN	Rubber Hook	22 lbs
	PXB-GR05-111LBU	Rubber Hook	22 lbs		PXB-GN05-111BE	Rubber Hook	18 lbs
	PXB-GN05-111-DG	Rubber Hook	18 lbs	* Additional PXB hook colors available.			

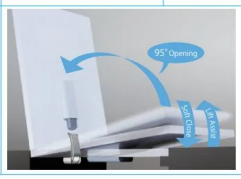
GLIDE

Image	Part No.	Description	Finish	
	MN-25	S/S Glide	Satin	

BRACKETS

Image	Part No.	Description	Load Capacity	Image	Part No.	Description	Load Capacity
	EB-200/EP	S/S Folding Bracket	770 lbs/pair		EB-317/EP	S/S Folding Bracket	880 lbs/pair
	EB-303/EP	S/S Folding Bracket	660 lbs/pair		EBD	Damper for EB Bracket	-

DAMPERS

Image	Part No.	Description	Torque	Image	Part No.	Description	Torque
	LAD-ST-L	Lift Assist Damper w/ Stopper (Light)	70.8~92.9 lbs·in		LAD-ST-H	Lift Assist Damper w/ Stopper (Heavy)	119.5~141.6 lbs·in
	LAD-ST-M	Lift Assist Damper w/ Stopper (Medium)	92.9~119.5 lbs·in				

FASTMOUNT-PANEL MOUNTING SYSTEM

Image	Part No.	Description	Image	Part No.	Description
	CT-08	Yard Kit-6 Installation Tools for PC Series		PC-SF1	Panel Clip Surface Mount Female
	PS-S150E	Panel Safe Easy Fit Surface Mount (For Ceiling Panels)		PC-AF1	Panel Clip-Auto Fit Female
	PS-150-E	Panel Safe Easy Fit Self Tapping (For Ceiling Panels)		PC-RF1-B	Panel Clip Side Mount Female
	PC-M1B	Panel Clip Self Tapping Male		CP-01A	Center Point Insert-Red Plastic for PC Series
	PC-M2H	Panel Clip-Self Tapping Male Heavy Duty			
	PC-SM2	Panel Clip Surface Mount Male		VL-03	Very Low Profile Clip Set
	PC-SM2H	Panel Clip Surface Mount Male Heavy Duty		VL-CP3	VLP Center Point with S/S Tip for VL Series
	PC-F1A	Panel Clip-Self Tapping Female		VL-SS3	Very Low Profile Stainless Steel Screw

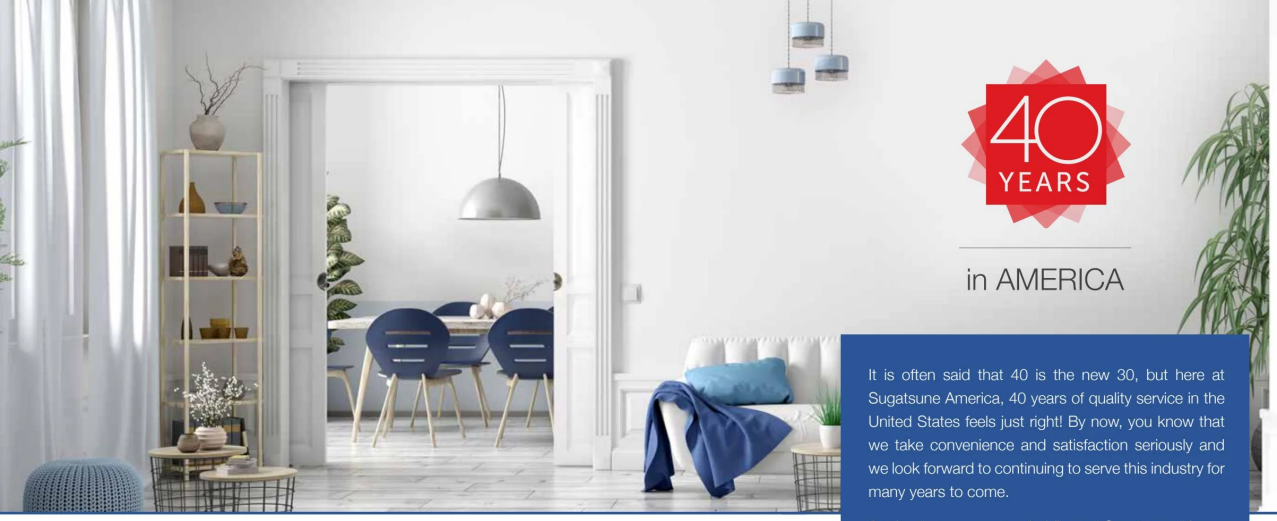
SUGATSUNE



DOOR SYSTEMS

DIVISION 8

Architectural Hardware Selection



40 YEARS

in AMERICA

It is often said that 40 is the new 30, but here at Sugatsune America, 40 years of quality service in the United States feels just right! By now, you know that we take convenience and satisfaction seriously and we look forward to continuing to serve this industry for many years to come.

As the first overseas subsidiary of Sugatsune Kogyo Company, Ltd, based in Japan for more than 90 years, we have continued to expand our line-up of architectural, industrial and specialty hardware.

Our product lines include Sugatsune's proprietary soft motion Lapcon hardware, which you'll see throughout this brochure, complemented by our hinges, handles, catches, latches and other unique accessories.

As we look back at two very challenging years, not only for our industry but for our communities everywhere, we are grateful to our customers not only for their loyalty, but also for challenging us to develop new functional and decorative hardware to meet their application needs. Our commitment to innovation is matched by our commitment to providing unique, high quality products and customer service.

Sugatsune Premium Door Hardware Selection.

	SLIDING DOOR SYSTEMS	**3-26**
	LATERAL OPENING SYSTEMS	**27-28**
	HINGES	**29-38**
	HANDLES & KNOBS	**39-52**
	CATCHES & LATCHES	**53-58**
	DOOR ACCESSORIES	**59-62**



What to look for!

THE NEW MFU1200 FLUSH SLIDING DOOR SYSTEM

A hit at this year's Kitchen & Bath Show (KBIS 2022) This system combines the latest in soft-close technology and smooth movement achieving a truly flush entrance. **Read more pg. 4.**

OUR NEW CONCEALED HINGE FOR CLADDED DOORS, THE HES3D-W190

This 3-way adjustable concealed hinge allows for 10 mm of cladding in addition to being UL® Listed with 3 hour fire rating. **Read more pg. 32.**

OUR NEW ML-ZN80 PUSH-TO-OPEN DOOR LATCH

This small but mighty latch is able to push a door up to 275 lbs Easy to install and very durable and discrete. Available in two finishes. **Read more pg. 54.**



FLUSH SLIDING DOOR SYSTEM MFU-1200

MonoFlat UNISON

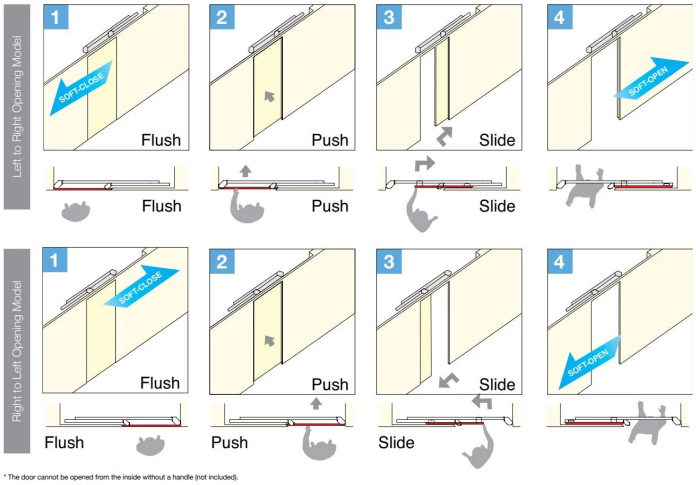
	MFU1200-40	MFU1200-70
Door Width	31-1/2" ~ 47-1/4" (800~1200 mm)	
Door Height	Max. 106-5/16" (2700 mm)	
Door Thickness	1-3/16" ~ 1-9/16" (30-40 mm)	
Door Weight	44 ~ 88 lbs (20 ~ 40 kg)	88 ~ 154 lbs (40 ~ 70 kg)
Adjustability	Depth: ±3.5 mm (1/8")	
	Horizontal: ±4 mm (3/16")	
	Vertical: ±4 mm (3/16")	

- Designed to CLOSE FLUSH against surrounding walls, providing sleek appearance.
- UNIQUE MOVEMENT: Recesses in, and then slides sideways in a smooth continious motion.
- CLEAN APPEARANCE: No floor tracks required on MFU-System.
- Excellent performance, reliable and fully adjustable.
- Features two-way damper to avoid slamming during opening or closing.
- DURABILITY: High durability, passed 100,000 open/close cycle test (private).

SEE IT IN ACTION

Item No.	Description	Door Weight
MFU1200-40-L (Light duty Left)	Left to Right Opening	44 ~ 88 lbs (20 ~ 40 kg)
MFU1200-40-R (Light duty Right)	Right to Left Opening	
MFU1200-70-L (Heavy duty Left)	Left to Right Opening	88 ~ 154 lbs (40 ~ 70 kg)
MFU1200-70-R (Heavy duty Right)	Right to Left Opening	

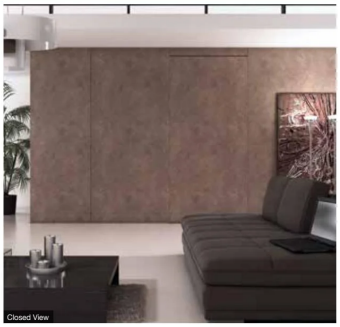




* The door cannot be opened from the inside without a handle (not included).

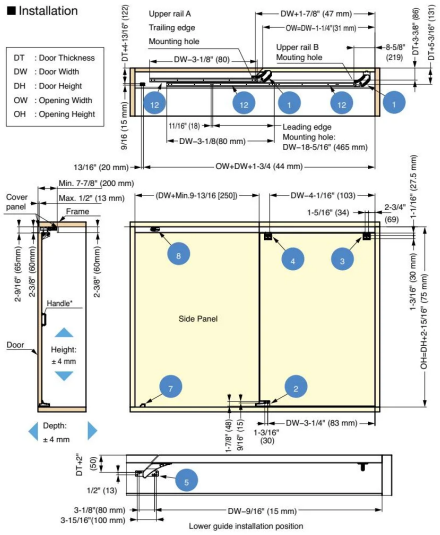
FLUSH SLIDING DOOR SYSTEM MFU-1200



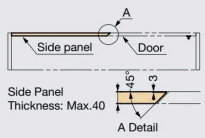


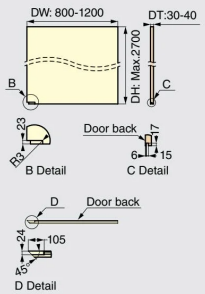
■ Installation

DT : Door Thickness
DW : Door Width
DH : Door Height
OW : Opening Width
OH : Opening Height



■ Chamfering





PART DETAILS

Self-Close Rollers — included

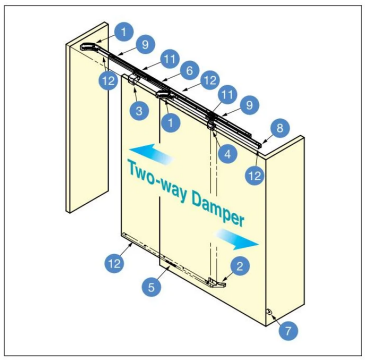
Item No. determined by door weight

No.	Type	Item No.	Part Name	Drawing	Description
11	Door Weight 44-88 lbs (20-40 kg)	MFU1200-40DSC-BL	Soft closer (leading edge) 1 pc		•Material: Steel/POM •Finish: Miror/Black
	Door Weight 88-154 lbs (40-70 kg)	MFU1200-70DSC-BL	Door roller (trailing edge) 1 pc		•Material: Steel •Finish: Miror/Black

Tracks — included

No.	Item No.	Part Name	Drawing	Description
12	MFU1200-RS-BL	Upper track A* 1120mm 2 pcs		•Material: Aluminium Alloy •Finish: Silver Anodized + Coating/Clear
		Upper track B 850mm 1 pc		
		Bottom guide channel 1100mm 1 pc		•Material: Aluminium Alloy •Finish: Silver Anodized + Coating/Clear

* Cut upper track A and bottom track according to the door size.



Item Name	Description
MFU1200-L-BL	Left to Right Opening
MFU1200-R-BL	Right to Left Opening

Detail

No.	Qty	Part Name	Drawing (L type) in mm	Description
1	2	Guiding track (top)		•Material: Aluminium Alloy •Finish: Black Enamel
2	1	Guiding track (bottom)		•Material: Aluminium Alloy •Finish: Black Enamel
3	1	Bracket (leading edge)		•Material: Steel •Finish: Black Enamel
4	1	Bracket (trailing edge)		•Material: Steel •Finish: Black Enamel
5	1	Bottom guide		•Material: Steel / POM •Finish/Color: Mirror/Black
6	1	Connecting plate		•Material: Steel •Finish: Mirror/Black
7	1	Door stopper (floor)		•Material: Zinc Alloy •Finish/Color: Chromate Treatment, Grey
8	1	Bumper block		•Material: Eteel/Elastomer •Finish/Color: Chromate Treatment, Grey
9	2	Trigger		•Material:steel •Finish: Chromate Treatment
10	1	Jig	Can be ordered separately	Item Name: FD80-TRJ •Material:POM •Color:green

RECESSED MOUNT POCKET DOOR SYSTEM FD80DHCHP-PD



	FD80DHCHP-PD Recessed Mount
Roller	Top Recessed on Door
Track Mounting	Ceiling
Door Weight	Min. 77 lbs (35 kg) Max. 176 lbs (80 kg)
Door Thickness	Recessed:1-5/16" (34 mm)
Door Width	If less than 98-7/16" (2500 mm) 30-7/8" ~ 59-1/16" (784 ~ 1500 mm) If greater than 98-7/16" (2500 mm) 33-7/16" ~ 59-1/16" (850 ~ 1500 mm)
Door Height	Max. 106-5/16" (2700 mm)

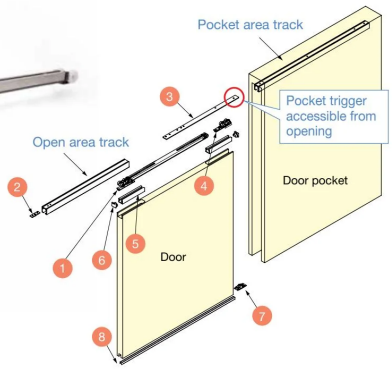
- Load capacity: 176 lbs (80 kg).
- Use with removable jamb/trim/casing.
- Easy installation and maintenance.
- Built-in soft-close and soft-open damper.
- Two-rail system, allows all components to be fixed or adjusted through the opening without breaking the pocket.
- Rollers are recessed mounted to top of door.
- High durability, passed 200,000 cycle test (private).
- For interior use only.

- How to order:

1.Select track and track length

2.Choose hardware set

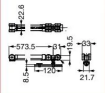
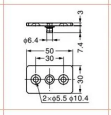
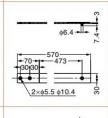
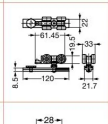
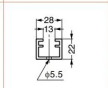
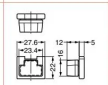
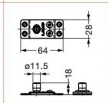
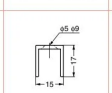




Parts Set (Per Door) Necessary Parts

Item Code	Item Name	Description
250-029-771	FD80DHCHP-PD	Recessed Roller Two-Way Soft Close

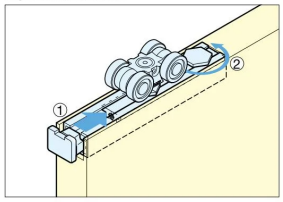
Parts Included

No.	Qty	Part Name	Dimensions	Description
1	1 pc	Recessed Mount Roller Two-Way Soft Close		Item Name: FD80-WRH-DSC · Material Zinc Alloy (ZDC) / Polyacetal (POM) · Finish / Color Nickel / Black Remarks: Do not use the included trigger.
2	1 pc	Front Trigger		Item Name: FD80-TRGPF · Material Stainless Steel (SUS304) · Finish: Steel
3	1 pc	Pocket Trigger		Item Name: FD80-TRGPB-MB · Material Stainless Steel (SUS304) · Finish: Plain
4	1 pc	Recessed Roller		Item Name: FD80-WRH · Material Zinc Alloy (ZDC) / Polyacetal (POM) · Finish / Color Nickel / Natural
5	2 pcs	Hanging Bracket (160 mm)		Item Name: FD70B-HB160 · Material: Aluminium Alloy · Finish: Anodized Silver · Screw: Pan Head Tapping Screw 5×40
6	2 pcs	End Cap		Item Code: 250-121-142 Item Name: FD70B-EC-BL · Material Elastomer (TPE) · Color Black
7	1 pc	Floor Guide		Item Name: FD50-BGR18 · Material Stainless Steel (SUS430) / Polyacetal (POM) · Finish / Color Polished / Natural · Screw Raised Countersunk Head Tapping Screw 3.5×30
8	1 pc	Bottom Guide Rail (1500 mm)		Item Name: FD30-HBRT1500SIL · Material: Aluminium Alloy · Finish: Anodized Silver

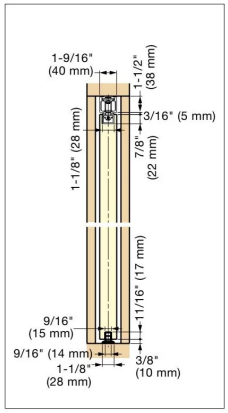
Upper Track Necessary Parts

No.	Length	Item Code	Part Name	Dimensions	Desc.
9	1260 mm	FD80-TRP1260-SL	Upper Track		· Material Aluminium Alloy · Finish Anodized Silver
10	2160 mm	FD80-TRP2160-SL			
11	2760 mm	FD80-TRP2760-SL			
12	3960 mm	FD80-TRP3960-SL			

Top Recessed Roller



Surface Track Top Recessed Roller



Sliding Door Systems

SURFACE MOUNT POCKET DOOR SYSTEM FD80DHCMP-PD



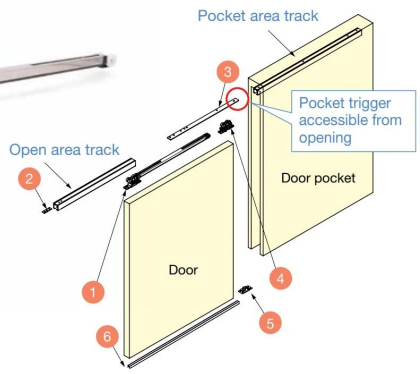
	FD80DHCHP-PD Recessed Mount
Roller	Top Surface on Door
Track Mounting	Ceiling
Door Weight	Min. 77 lbs (35 kg) Max. 176 lbs (80 kg)
Door Thickness	Surface:1-3/16" (30 mm)
Door Width	If less than 98-7/16" (2500 mm) 30-7/8" ~ 59-1/16" (784 ~ 1500 mm) If greater than 98-7/16" (2500 mm) 33-7/16" ~ 59-1/16" (850 ~ 1500 mm)
Door Height	Max. 106-5/16" (2700 mm)

- Load capacity: 176 lbs (80 kg).
- Use with removable jamb/trim/casing.
- Easy installation and maintenance.
- Built-in soft-close and soft-open damper.
- Two-rail system, allows all components to be fixed or adjusted through the opening without breaking the pocket.
- Rollers are surface mounted to top of door.
- High durability, passed 200,000 cycle test (private).
- For interior use only.

- How to order:

1.Select track and track length
2.Choose hardware set

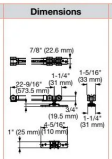
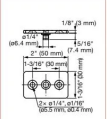
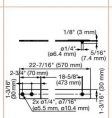
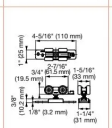
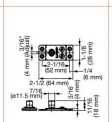
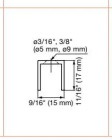




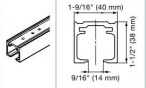
Parts Set (Per Door) — Necessary Parts

Item Code	Item Name	Description
250-029-722	FD80DHCMP-PD	Surface Mount Roller Two-Way Soft Close

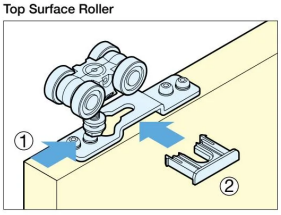
Parts Included

No.	Qty	Part Name	Dimensions	Description
1	1 pc	Surface Mount Roller Two-Way Soft Close		Item Name: FD80-WRM-DSC · Material: Steel / Polyacetal (POM) · Finish: Chromate / Black · Screw: Pan Head Tapping Screw 4×45 Remark: Do not use the included trigger.
2	1 pc	Front Trigger		Item Name: FD80-TRGPF · Material: Stainless Steel (SUS304) · Finish: Plain
3	1 pc	Pocket Trigger		Item Name: FD80-TRGPB-MB · Material: Stainless Steel (SUS304) · Finish: Plain
4	1 pc	Surface Mount Roller		Item Name: FD80-WRM · Material: Zinc Alloy (ZDC) / Polyacetal (POM) · Finish: Nickel / Natural · Screw: Pan Head Tapping Screw 4×45
5	1 pc	Floor Guide		Item Name: FD50-BGR18 · Material: Stainless Steel (SUS430) / Polyacetal (POM) · Finish: Countersunk / Natural · Screw: Pan Head Tapping Screw 4×45
6	1 pc	Bottom Guide Rail (1500 mm)		Item Name: FD30-HBRT1500SIL · Material: Aluminium Alloy · Finish: Anodized Silver

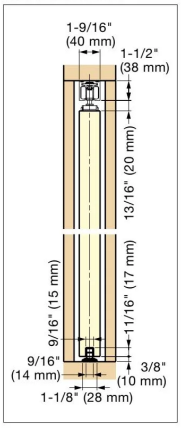
Upper Track — Necessary Parts

No.	Length	Item Code	Part Name	Dimensions	Desc.
①	1260 mm	FD80-TRP1260-SL	Upper Track		· Material Aluminium Alloy · Finish Anodized Silver
②	2160 mm	FD80-TRP2160-SL			
③	2760 mm	FD80-TRP2760-SL			
⑭	3960 mm	FD80-TRP3960-SL			

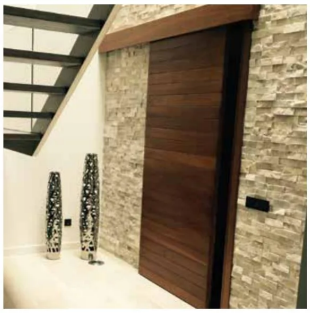
Top Surface Roller



Surface Track Top Recessed Roller



SURFACE MOUNT SLIDING DOOR HARDWARE — SDR-RA80-SM

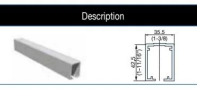


Type	SDR-RA80-SM	
	Surface Mount Sliding Door	
Roller	Top Surfaced	
Track Mounting	Ceiling	Wall w/Continuous Bracket
Door Weight	Max. 200 lbs (90 kg)	
Door Thickness	Min. 1-1/8" (28 mm)	
Door Width	Two-Way Soft Close Min. 32-1/2" (825 mm) Standard Close Min. 23-5/8" (600 mm)	

- Load capacity: 200 lbs (90kg).
- Ceiling or barn door mount.
- Double rollers with ball bearings.
- Quiet precision movement with soft close feature.
- Vertical adjustment ± 1/16" (1 mm).
- Surface mounted door brackets.
- Successfully passed 100,000 cycles test (private).

Ordering Information

1. Track Options

Track Type	Length	Item No.	Description
Standard Aluminum Track	78-3/4 (2000 mm)	SDR-RA80-2000	
	118-1/8 (3000 mm)	SDR-RA80-3000	
False Ceiling Aluminum Track	78-3/4" (2000 mm)	SDR-RA80-TC-2000	

- How to order:
1. Select track and track length
1A. Select any optional parts for track
2. Choose hardware set

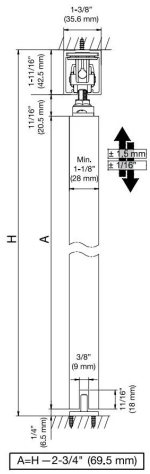
1A Optional Parts for Track

 SDR-RA80WL-2000 SDR-RA80WL-3000 Wall Mount Bracket	 SDR-RA80-8083 End Cover for Track	 SDR-RA80-8085 End Cover for Track & Wall Mount Bracket	 SDR-A-4140 Bottom Guide Roller	 **SDR-A-4131 Bottom Guide Channel**

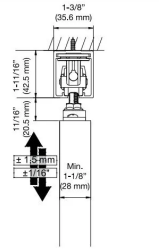
2. Hardware Set

Closing Feature	Item No.	Set Details	
Dual Soft Close	SDR-RA80-SM-DSC	 (1) SDR-RA80-SM-KIT Surface Mount Brackets	+  (2) SDR-RA80-8006 Soft Close Rollers
Standard Closing	SDR-RA80-SM-RR	 (1) SDR-RA80-SM-KIT Surface Mount Brackets	+  (2) SDR-RA80-8080 Standard Rollers

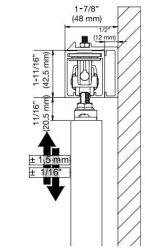
TRACK MOUNTING OPTIONS



A=H −2-3/4" (69.5 mm)



Traditional ceiling mount option shown.



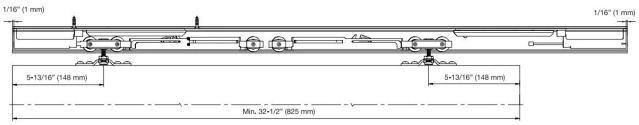
For a clean and seamless look, the continuous bracket will run the full length of the track.



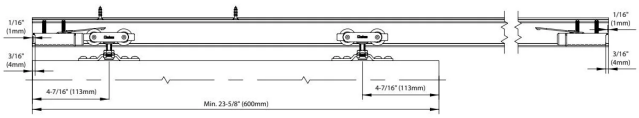
Track Details

Two-Way Soft Close

* Complete smooth and silent soft close motion in both directions



Standard Closing



RECESSED MOUNT SLIDING DOOR HARDWARE — SDR-RA80-RM

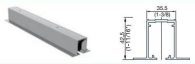


Type	SDR-RA80-RM	
	Recessed Mount Sliding Door	
Roller	Top Recessed	
Track Mounting	Ceiling	Wall w/Continuous Bracket
Door Weight	Max. 200 lbs (90 kg)	
Door Thickness	Min. 1-1/8" (28 mm)	
Door Width	Two-Way Soft Close Min. 33-7/16" (850 mm) Standard Close Min. 23-5/8" (600 mm)	

- Load Capacity: 200 lbs (90kg).
- Ceiling and Barn Door Mount, Recessed Mounted door brackets.
- Double rollers with ball bearings.
- Quiet precision movement with Soft Close Feature.
- Low profile minimum gap of 1/8" (3 mm).
- Vertical Adjustment ± 1/16" (1 mm).
- Recessed mounted door brackets.
- Successfully passed 100,000 cycles test (private).

Ordering Information

1. Track Options

Track Type	Length	Item No.	Description
Standard Aluminum Track	78-3/4" (2000 mm)	SDR-RA80-2000	
	118-1/8" (3000 mm)	SDR-RA80-3000	
False Ceiling Aluminum Track	78-3/4" (2000 mm)	SDR-RA80-TC-2000	

- How to order:

1. Select track and track length
1A. Select any optional parts for track
2. Choose hardware set

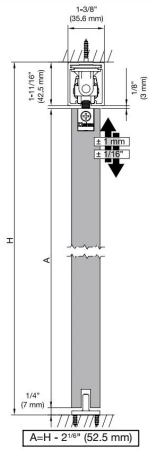
1A — Optional Parts for Track

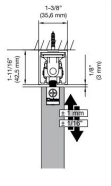
 SDR-RA80WL-2000 SDR-RA80WL-3000 Wall Mount Bracket	 SDR-RA80-8083 End Cover for Track	 SDR-RA80-8085 End Cover for Track & Wall Mount Bracket	 SDR-A-4140 Bottom Guide Roller	 **SDR-A-4131 Bottom Guide Channel**

2. Hardware Set

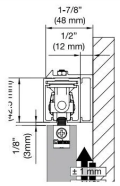
Closing Feature	Item No.	Set Details
Two-Way Soft Close	SDR-RA80-RM-DSC	 (1) SDR-RA80-8084 Recessed Bracket +  (2) SDR-RA80-8006 Soft Close Rollers
Standard Closing	SDR-RA80-RM-RR	 (1) SDR-RA80-8084 Recessed Bracket +  (2) SDR-RA80-8080 Standard Rollers

TRACK MOUNTING OPTIONS





Ceiling Mount



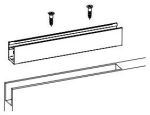
Wall Mount w/ Continuous Bracket



Traditional ceiling mount option shown.

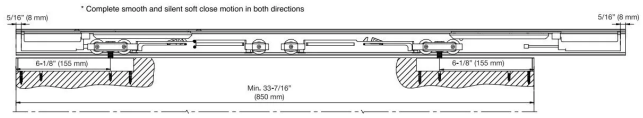


For a clean and seamless look, the continuous bracket will run the full length of the track.

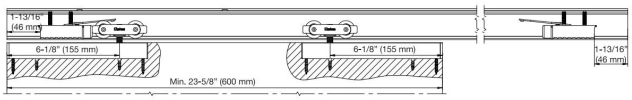


Track Details

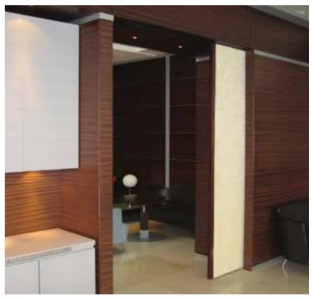
Two-Way Soft Close



Standard Closing



SLIDING DOOR HARDWARE (Door Weight 275 lbs) SDR-A125

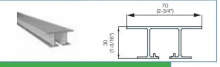


Type	SDR-A125	
	Standard Sliding	
Roller	Top Recessed	Top Surface
Door Weight	Max. 275 lbs (125 kg)	
Door Thickness	Min. 1-3/8" (35 mm)	
Door Width	Min. 19-11/16" (500 mm)	

- Weight Capacity 275 lbs (125 kg).
- Ceiling mount.
- Recessed and Top Surface Mounted door brackets.
- Double rollers with ball bearings.
- Quiet precision movement.
- Low profile minimum gap of 1/8" (3 mm) Recess mount.
- Vertical Adjustment:
  Recessed mount ± 1/16" (1 mm), Surface mount ± 1/8" (2.5 mm).

Ordering Information

1. Track Options

Track Type	Length	Item No.	Description
Standard Aluminum Track	118-1/8" (3000 mm)	SDR-A125-3000	
False Ceiling Aluminum Track	118-1/8" (3000 mm)	SDR-A125-12532	

1A — Optional Parts for Track

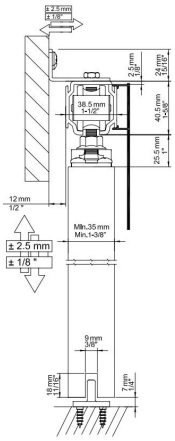
 SDR-A125-10433 Clip on Fascia	 SDR-A-6056 Clip on Bracket for Timber	 SDR-A125-12557 End Caps for Track	 SDR-A81-6961 Aluminum Separator
 SDR-A-4131 Bottom Guide Channel	 SDR-A-4140 Bottom Guide Roller	 SDR-A300-30064 Short Bracket	

2. Hardware Set

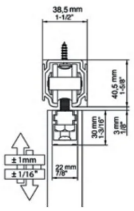
Door Mount	Item No.	Set Details
Top Recessed	SDR-A125TR-PRT	 Top Recessed Roller Set
Top Surface	SDR-A125TS-PRT	 Top Surface Roller Set

- How to order:
1. Select track and track length
1A. Select any optional parts for track
2. Choose hardware set

TRACK MOUNTING OPTIONS

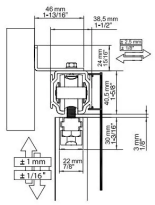


Top Recessed (SDR-A125TR)



Ceiling Mount

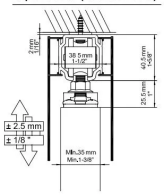
Traditional Ceiling mount option shown with recessed rollers.



Wall Mount w/ Short Bracket

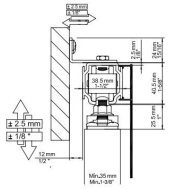
Top track short bracket for Barn Door style mounting that allows fast and simple installation.

Top Surface (SDR-A125TS)



Ceiling Mount

Traditional Ceiling mount option shown. Fascia can be mounted on both sides if needed

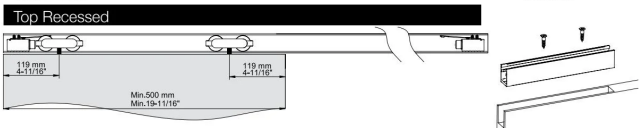


Wall Mount w/ Short Bracket

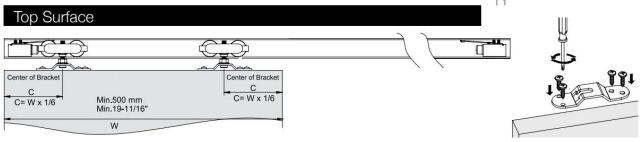
Top track short bracket for Barn Door style mounting that allows fast and simple installation.

Track Details

Top Recessed

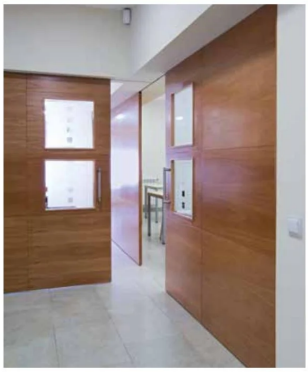


Top Surface



Sliding Door Systems

SLIDING DOOR HARDWARE (Door Weight 660 lbs) SDR-A300



Type	SDR-A300	
	Standard Sliding	
Roller	Top Recessed	Top Surfaced
Door Weight	Max. 660 lbs (300 kg)	
Door Thickness	Min. 1-3/8" (35 mm)	
Door Width	Min. 23-5/8" (600 mm)	

- Load Capacity: 660 lbs (300 kg) Heavy Duty Model.
- Ceiling and Barn Door Mount.
- Recessed and Top Surface Mounted door brackets.
- Double rollers with ball bearings.
- Quiet precision movement.
- Low profile minimum gap of 1/8" (3 mm) Recess Mount.
- Vertical Adjustment:
  - Recessed mount ± 1/4" (6 mm)
  - Surface mount ± 1/16" (2 mm)

Ordering Information

1. Track Options

Track Type	Length	Item No.	Description
Standard Aluminum Track	118-1/8" (3000 mm)	SDR-A300-3000	

1A Optional Parts for Track

 SDR-A-4131 Bottom Guide Channel	 SDR-A300-30057 End Caps for Tracks	 SDR-A-4140 Bottom Guide Roller	 SDR-A300-30064 Short Bracket

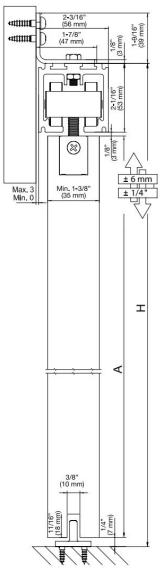
2. Hardware Set

Door Mount	Item No.	Set Details
Top Recessed	SDR-A300TR-PRT	 Top Recessed Roller Set
Top Surface	SDR-A300TS-PRT	 Top Surface Roller Set

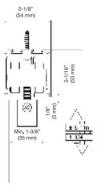
- How to order:

1. Select track and track length
1A. Select any optional parts for track
2. Choose hardware set

TRACK MOUNTING OPTIONS

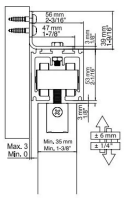


Top Recessed (SDR-A300TR)



Ceiling Mount

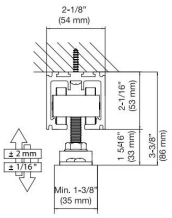
Traditional Ceiling mount option shown with recessed rollers.



Wall Mount w/ Short Bracket

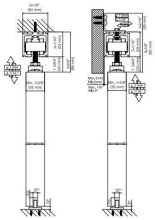
Top track short bracket for Barn Door style mounting that allows fast and simple installation.

Top Surface (SDR-A300TS)



Ceiling Mount

Traditional Ceiling mount option shown. Fascia can be mounted on both sides if needed

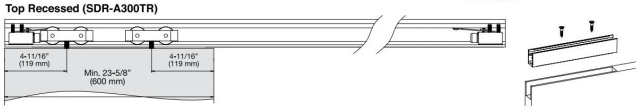


Wall Mount w/ Short Bracket

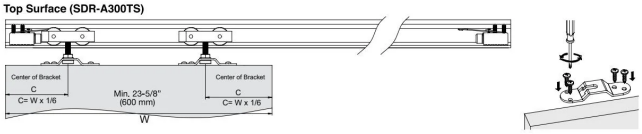
Top track short bracket for Barn Door style mounting that allows fast and simple installation.

Track Details

Top Recessed (SDR-A300TR)



Top Surface (SDR-A300TS)



FOLDING DOOR HARDWARE (Door Weight 88 lbs per door) SDR-A84D



Type	SDR-A84D	
	Folding Door	
Roller	Top Recessed	
Track Mounting	Ceiling	
Door Weight	Max. 88 lbs (40 kg) per panel	
Door Thickness	1-3/8" ~ 2" (50 mm ~ 35 mm)	
Door Panel Width	Min. 21-1/32" (550 mm)	
Door Width	Two Doors: Max. 39-3/8" (1000 mm)	Four Doors: Max. 29-1/2" (750 mm)

- Load capacity: 88 lbs per panel.
- Compatible with 2 or 4 doors.
- Ceiling mount options.
- Recessed Mounted door brackets.
- Concealed Hinges Recommended.
- Double rollers with ball bearings with quiet precision movement.
- Low profile minimum gap of 3/16" (5 mm).
- Recess Mount.
- Optional bottom track (not required).

Ordering Information

1. Track Options

Track Type	Length	Item No.	Description
Standard Aluminum Track	78-3/4" (2000 mm)	SDR-A84D-2000	
	118-1/8" (3000 mm)	SDR-A84D-3000	
False Ceiling Aluminum Track	118-1/8" (3000 mm)	SDR-A84D-TC-3000	

1A Optional Parts for Track

SDR-A-4131 Bottom Guide Channel	SDR-A-4110 Bottom Guide Roller

2. Hardware Set

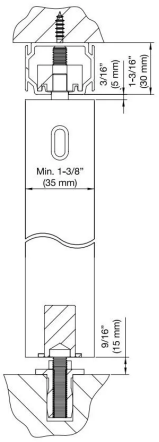
Door Mount	Load Rating Per Door	Item No.	Set Details	
Two Door Assembly	Up to 66 lbs	SDR-A84D-2D2HDC	(1) Set for (1) Pair of Doors	(2) HES3D-120DC
	Up to 88 lbs	SDR-A84D-2D3HDC		(3) HES3D-120DC
Four Door Assembly	Up to 66 lbs	SDR-A84D-4D4HDC	(1) Set for (1) Pair of Doors + (1) SDR-A84D-8802 Set for SECOND Pair of Doors	(6) HES3D-120DC
	Up to 88 lbs	SDR-A84D-4D6HDC		(9) HES3D-120DC

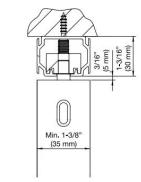
2A Optional Parts for Hardware Set

SDR-A84D-8800 Set for Pair of Doors	SDR-A84D-8801 Set for Single Door	SDR-A84D-8802 Set for SECOND PAIR of Doors

- How to order:
  1. Select track and track length
  1A. Select any optional parts for track
  2. Choose hardware set
  2A. Select any optional parts for hardware set

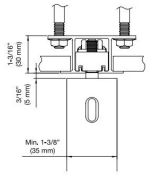
TRACK MOUNTING OPTIONS





Ceiling Mount

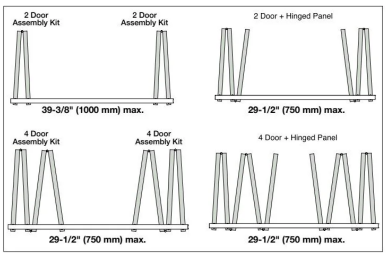
Standard ceiling mount for doorways and closets. Requires 1-3/8" thick doors.

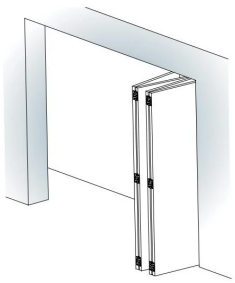


False Ceiling Mount

False ceiling mount for room partition applications. Requires 1-3/8" minimum thick doors. Hardware for sliding doors is completely concealed.

■ Configuration Options





SOFT-CLOSE SYNCHRONIZED SLIDING DOOR HARDWARE SDR-RA80SYN



Type	SDR-RA80SYN	
	Synchronized Bi-Parting	
Roller	Top Surface Mount	
Track Mounting	Ceiling	Wall w/Continuous Bracket
Door Weight	Max. 176 lbs (80 kg)	
Door Thickness	Min. 1-1/16" (27 mm)	
Door Width	**40 kg door (88 lbs)** Min: 28-1/8" (715 mm) Max: 59-1/16" (1500 mm)	**80 kg door (176 lbs)** Min: 36" (915 mm) Max: 59-1/16" (1500 mm)

- Successfully passed 100,000 cycles test (private).
- 176 lbs (80 kg).
- Ceiling and Wall/Barn Door Mount.
- Surface Mounted Door Brackets.
- Double Rollers with Ball Bearings.
- Quiet Precision Movement.
- Soft Close Feature.
- Vertical Adjustment ± 1/16" (1 mm).

Ordering Information

1. Track Options

Track Type	Length	Item No.	Description
Standard Aluminum Track	78-3/4" (2000 mm)	SDR-RA80-2000	
	118-1/8" (3000 mm)	SDR-RA80-3000	

1A Optional Parts for Track

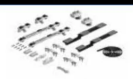
 SDR-RA80WL-2000 SDR-RA80WL-3000 Wall Mount Bracket	 SDR-RA80-8083 End Cover for Track	 SDR-RA80-8085 End Cover for Track & Wall Mount Bracket

- How to order:

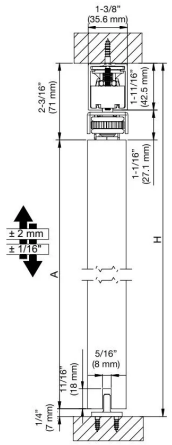
1. Select track and track length

1A. Select any optional parts for track

2. Hardware Set

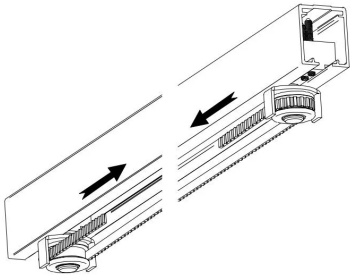
Load Rating (Per Door)	Item No.	Set Details
up to 88 lbs (40 kg)	SDR-RA80SYN-40	 Roller & Surface Door Mount Synchronized Set
up to 176 lbs (80 kg)	SDR-RA80SYN-80	 Roller & Surface Door Mount Synchronized Set

TRACK MOUNTING OPTIONS

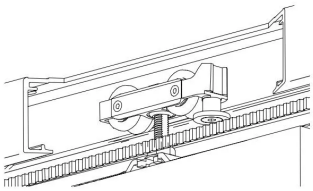


A=H - 3-1/16" (78 mm)

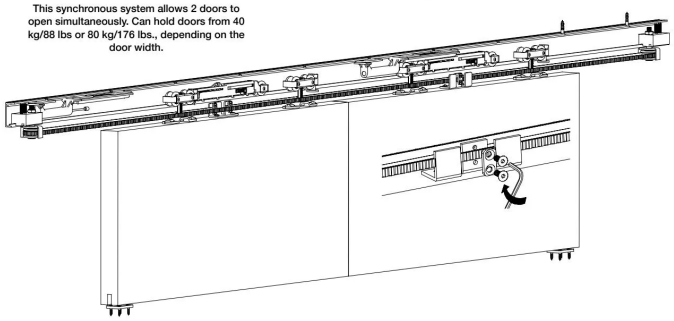
This synchronous system allows 2 doors to open simultaneously. Can hold doors from 40 kg/88 lbs or 80 kg/176 lbs., depending on the door width.



Wall Mount w/ Continuous Bracket



Synchronized system features an anti-jump feature attached to the rollers.



SYNCHRONIZED SLIDING DOOR HARDWARE — SDR-A125SYN

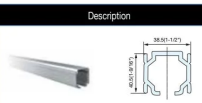


Type	SDR-A125SYN
	Bi-Parting Synchronizing
Track Mounting	Ceiling
Door Weight	Max. 275 lbs (125 kg)
Door Thickness	Min. 1-3/8" (35 mm)
Door Width	23-5/8" ~ 47-1/4" (600 ~ 1200 mm)

- Load capacity: 275 lbs (125 kg).
- Smooth Bi-Parting synchronized function.
- Ceiling Mount.
- Surface Mounted door brackets.
- Double rollers with ball bearings.
- Quiet precision movement.
- Vertical Adjustment ± 1/8" (2.5 mm).

Ordering Information

1. Track Options

Track Type	Length	Item No.	Description
Standard Aluminum Track	118-1/8" (3000 mm)	SDR-A125-3000	

1A Optional Parts for Track

 SDR-A-125-10433 Anodized Aluminum Fascia (3000 mm)	 SDR-A81-6061 Aluminum Separator

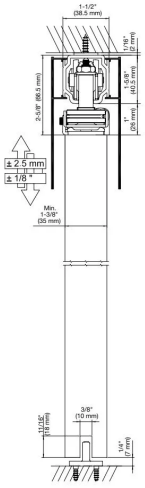
* If installing fascia for ceiling mount, one per each fixing point

- How to order:
1. Select track and track length
1A. Select any optional parts for track
2. Choose hardware set

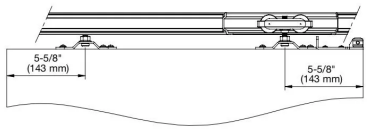
2. Hardware Set

Door Mount	Item No.	Set Details
Surface Bracket with Synchronized Bracket Set	SDR-A125SYN-KIT	 (2) SDR-A125TS-PRT + (1) SDR-A125SYN-PRT

TRACK MOUNTING OPTIONS

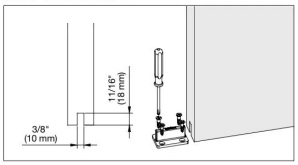


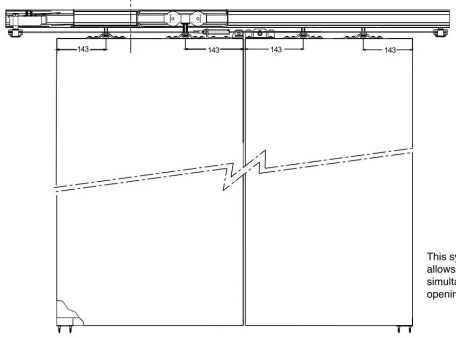
Ceiling Mount



The Bi-parting Synchronized door system allows for wider door openings in a variety of spaces. The top hung doors leave the floor free of tracks and make this system desirable for entrances to conference rooms, kitchen or bathrooms.

Floor Guide Installation





This synchronous system allows 2 sliding doors to open simultaneously. Can be applied to opening of 7' and 10-1/2".

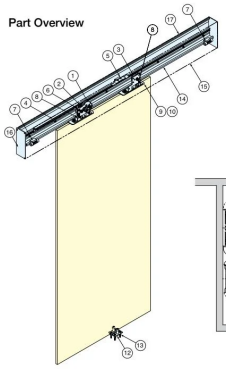
SELF CLOSING SLIDING DOOR SYSTEM LM-80

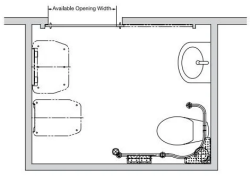


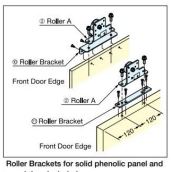
Item No.	LM-80
Door Width	27-9/16" ~ 47-1/4" (700 ~ 1200 mm)
Door Thickness	1/2" (13 mm) or 1-1/8" ~ 1-9/16" (28 ~ 40 mm)
Door Weight	66 ~ 176 lbs (30 ~ 80 kg)/door
Door Travel	Max. 43-5/16" (1100 mm) in case of door width 47-1/4" (1200 mm)

- Self-closing sliding door system.
- Equipped with damper for smooth and soft-closing, eliminating door slamming.
- Dampening speed adjustable for best soft-closing.
- Wall surface mount type for easy installation.
- No bottom rail needed for clean appearance.
- Door opens lightly for easy operation.
- Door catch included to hold door in fully open position.
- Designed for 1/2" (13 mm) solid phenolic panel or 1-1/8"~1-9/16" (28 ~ 40 mm) thick wood doors.
- Non-handed.
- Glass door system available.

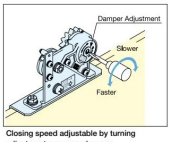
Part Overview





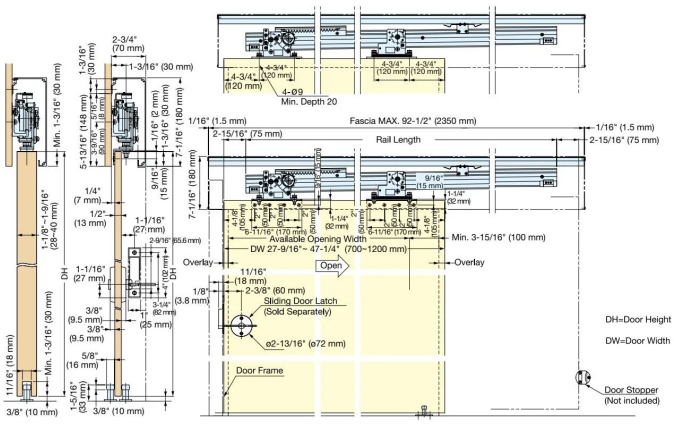


Roller Brackets for solid phenolic panel and wood door included.



Closing speed adjustable by turning adjustment screw on damper.

TRACK MOUNTING OPTIONS



Part Details

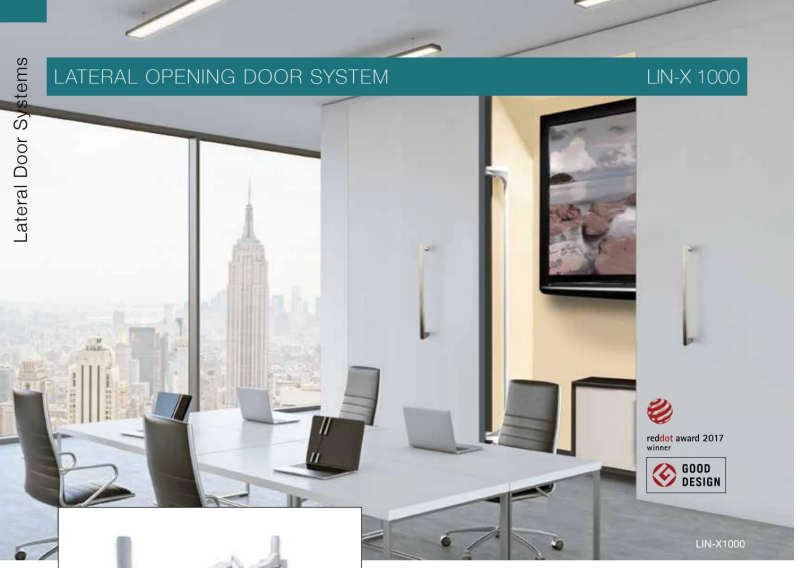
No.	①	②	③	④	⑤	⑥	⑦
Name	Damper	Roller A	Roller B	Gear Rack	Spring	Stopper Roller	Door Stopper
							
Qty. / Set	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc	2 pcs

No.	⑧	⑨	⑩	⑪	⑫	⑬	⑭
Name	Stopper Plate	Height Adjustment Spacer	Roller Bracket (For Solid Phenolic)	Roller Bracket (For Wood)	Bottom Roller Guide	Anchor	Roller Rail (2200 mm)
							
Qty. / Set	2 pcs	t1:1⁵ pcs, t0.5:1 pc	2 pcs	2 pcs	2 pcs	4 pcs	1 pc

No.	⑮	⑯	⑰
Name	Fascia (2350 mm)	Side Cover	Mounting Plate (For Fascia) (2350 mm)
			
Qty. / Set	1 pc	1 pc ea. (Left & Right)	1 pc

No.	Option
Name	Latch w/indicator
Item No.	ET-125T
	
Qty. / Set	1 pc

LATERAL OPENING DOOR SYSTEM LIN-X 1000





Door Width	29-1/2" ~ 43-5/16" (750 ~ 1100 mm)
Max. Door Height	117-5/16" (2980 mm)
Door Thickness	15/16" ~ 1-9/16" (24 ~ 40 mm)
Max. Door Weight	198 lbs (90 kg/door)

Item No.	Overlay	Material	Finish
LIN-X1000/WT-S	3/4" (19 mm)	Steel, Aluminum	White
LIN-X1000/BL-S			Black

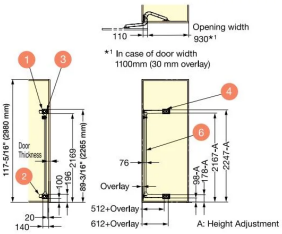
FULL SIZE DOORS LIN-X1000

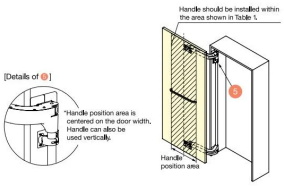
- Lateral Opening Mechanism: Allows doors to swing out laterally in a small radius, ideal for tight front space application.
- Heavy Duty: Max. weight 198 lbs.(90 kg).
- 4-Way Adjustable: Vertical, horizontal, depth and parallel adjustment.
- Smooth Movement: Built-in dampers provide a smooth soft-closing movement.
- Use in various applications: Ideal for closet entryways, large pantry doors, storage, hidden rooms, etc.
- Hardware is non-handed: can be used for left-opening or right-opening doors.
- Designed for overlay installation, but can be installed flush with the surrounding cabinet or wall. Please contact customer service for details on inset installations.

No.	Qty	Dimensions	Description
1	1 pc	Upper Arm	Material: Aluminum Alloy Finish: White/Black Powder Coated
2	1 pc	Lower Arm	Material: Aluminum Alloy Finish: White/Black Powder Coated
3	4 pcs	Cover for Mounting Plate (Hinge Side)	Material: ABS Finish: White/Black

No.	Qty	Dimensions	Description
4	4 pcs	Cover for Mounting Plate (Door Side)	Material: ABS Finish: White/Black
5	1 pc	Damper for Opening	Material: PBT Finish: White/Black

No.	Qty	Dimensions	Description
6	1 pc	Connecting Bar	Material: Aluminum Alloy Finish: White Anodized/Black Anodized





Range of Motion

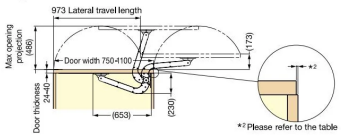


Table 1: Handle position area (for door thickness 40 mm)

Door width \ Hinge side clearance	10 mm	15 mm	20 mm
750 mm - 900 mm	Max. 300 mm	Max. 350 mm	Max. 500 mm
900 mm - 1000 mm	Max. 200 mm	Max. 250 mm	Max. 400 mm
1000 mm - 1100 mm	Max. 100 mm	Max. 150 mm	Max. 300 mm

Table 2: Please follow Height Adjustment (A) based on the following table so that the door will not contact the floor.

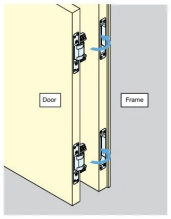
Door weight	Height Adjustment
44 lbs (20 kg)	2.0 mm
66.1 lbs (30 kg)	3.5 mm
88.2 lbs (40 kg)	5.0 mm
110.2 lbs (50 kg)	6.5 mm
132.2 lbs (60 kg)	8.0 mm
154.3 lbs (70 kg)	9.5 mm
176.3 lbs (80 kg)	11.0 mm
198.4 lbs (90 kg)	12.5 mm



Concealed Hinges
HES3D Series

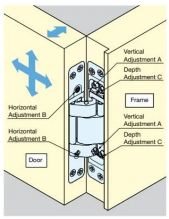
EASY INSTALLATION

Here's why, Sugatsune's HES3D series hinges incorporate a feature that allow the hinge leaves to separate. One leaf is installed in the door frame, while the other is installed into the door itself. You can then install and adjust the door at any time.



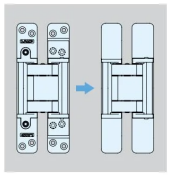
3-WAY ADJUSTABLE FEATURE

HES3D series hinges have vertical, horizontal, and depth adjustment features, so if your door isn't perfectly aligned on the first try, this feature allows adjustments in each direction.



OVERALL LOOK

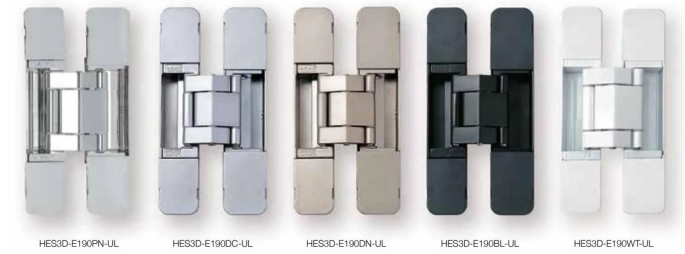
HES3D series hinges feature squared shape and round corners, comes with cover caps to hide all screws on the face of the hinge, so when your hinge is installed, it has a clean, sleek appearance.



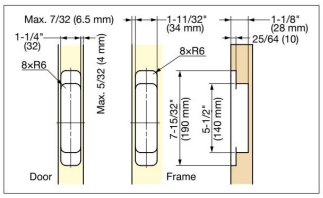
UL® LISTED

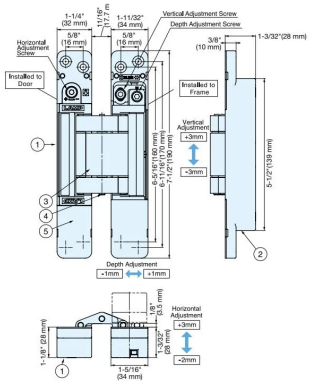
HES3D-E190 and HES3D-W190 are UL® Listed with **3 HOUR FIRE RATING.**

3-WAY ADJUSTABLE CONCEALED HINGE — HES3D-E190



HES3D-E190PN-UL | HES3D-E190DC-UL | HES3D-E190DN-UL | HES3D-E190BL-UL | HES3D-E190WT-UL





- 3-WAY adjustment function allows vertical, horizontal, and depth adjustment after hinge installed.
- Easy installation with Lift-off feature: can be split into two parts (one for the frame and one for the flap), can temporarily be hung and hold position without being affixed with screws.
- Successfully passed 300,000 open/close private cycle tests.
- Supplied with steel flat head screw.
- Door Thickness: Min. 1-1/2" (38 mm).
- Door Weight: Max. 220 lbs (100 kg)/2 pcs, Max. 275 lbs (100 kg)/3 pcs.
- Door Size: Max. H 94-1/2" (2400 mm) Max. W 35-7/16" (900 mm)
- Bracket for sheet metal doors/frames available, sold separately (HES3D-E190BKT-F).
- **UL® Listed** with **3 hour fire rating.**

No.	Part Name	Material	Finish/Color
1	Body	Zinc Alloy	Polished Nickel (PN) Dull Chrome (DC) Dull Nickel (DN) Matte Black (BL) White (WT)
2	Base Frame	Zinc Alloy	
3	Arm	Aluminum Alloy	
4	Cover	ABS	
5	Pin	304 Stainless Steel	-

Item No.	Weight (g)	Box (pcs)	Carton (pcs)
HES3D-E190PN-UL	1050	2	12
HES3D-E190DC-UL			
HES3D-E190DN-UL			
HES3D-E190BL-UL			
HES3D-E190WT-UL			

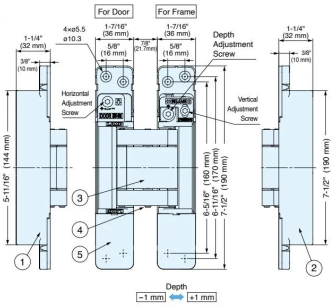
3-WAY ADJUSTABLE CONCEALED HINGE

For Door Moldings

HES3D-W190



HES3D-W190DC-UL | HES3D-W190DN-UL | HES3D-W190BL-UL | HES3D-W190WT | HES3D-W190PN* | HES3D-W190PB



c UL us LISTED

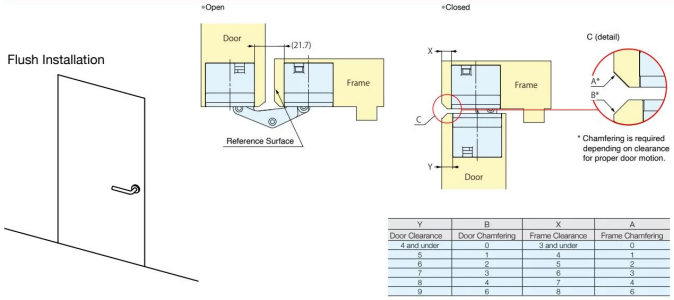
Select models only

- Has a long arm for a wider throw, allowing 3/8" (10 mm) clearance for flush installation or 1/2" (13 mm) clearance for installation with a molding. Opens to 180°.
- Features 3-way adjustability (vertical, horizontal and depth).
- Flanges come apart for the door to be provisionally hung for making adjustments. This provides a quick and easy installation when ready for fixing screws.
- Replacement screw covers available for all finishes.
- *Only the HES3D-W190PN model includes metal cover plates, all other models include plastic cover plates.
- Supplied with steel flat head screw.
- Door Thickness: Min. 1-1/2" (38 mm).
- Door Weight: Max. 220 lbs (100 kg)/2 pcs, Max. 275 lbs (125 kg)/3 pcs.
- Door Size: Max. H 96-1/6" (2440 mm) Max. W 36" (915 mm)
- **UL® Listed** with **3 hour fire rating** (DC, DN, and BL models only).

Item Name	Finish	Opening Angle	Weight (g)	Box (pcs)	Carton (pcs)
HES3D-W190DC-UL	Dull Chrome	180°	1231	2	12
HES3D-W190DN-UL	Dull Nickel			2	12
HES3D-W190BL-UL	Black			2	12
HES3D-W190PN	Polished Nickel			2	12
HES3D-W190WT	White			2	12
HES3D-W190PB	Polished Brass			2	12

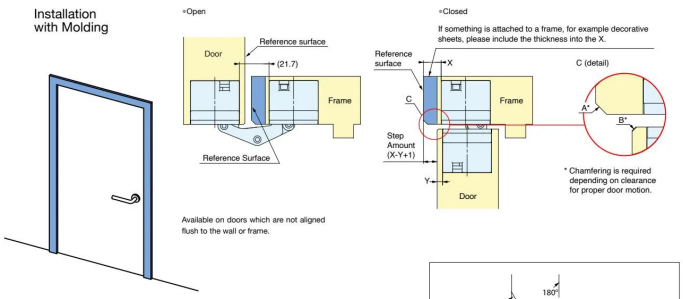
No.	Part Name	Material	Finish/Color					
			DC	DN	BL	PN	WT	PB
1	Body	Zinc Alloy (ZDC)	Satin	Nickel	Enamel Black	Nickel	Enamel White	Brass
2	Base Frame							
3	Arm	Aluminium Alloy						
4	Shaft	Stainless Steel	Plain	Plain	Plain	Plain	Plain	Plain
5	Screw Cover	ABS or Stainless Steel*	Silver	Dull Nickel	Black	Nickel	White	Brass

Flush Installation



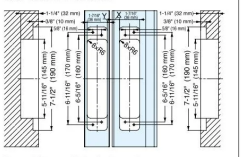
Y Door Clearance	B Door Chamfering	X Frame Clearance	A Frame Chamfering
4 and under	0	3 and under	0
5	1	4	1
6	2	5	2
7	3	6	3
8	4	7	4
9	6	8	6

Installation with Molding

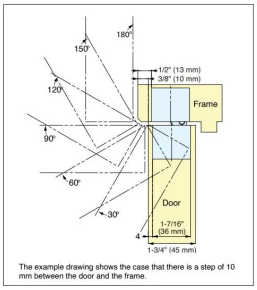


Available on doors which are not aligned flush to the wall or frame.

Cut Out Dimension



Please drill prepared holes for the tapping screws if the optional jig (HES3D-W190-TMP) is not used.



The example drawing shows the case that there is a step of 10 mm between the door and the frame.

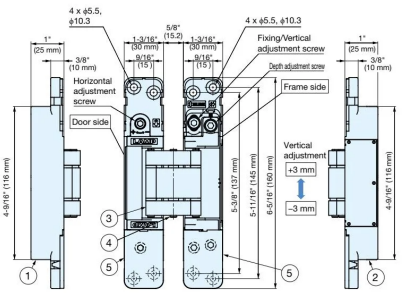
WATCH INTRO

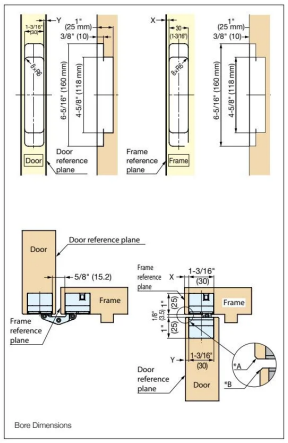
3-WAY ADJUSTABLE CONCEALED HINGE — HES3D-E160



HES3D-E160DC HES3D-E160DN HES3D-E160BL

- 3-WAY adjustment function allows vertical, horizontal, and depth adjustment after hinge installed.
- Easy installation and adjustment.
- Successfully passed 300,000 open/close private cycle tests.
- Supplied with steel flat head screw.
- Covers hide all screw heads for clean appearance.
- Door weight: Max. 121 lbs (55 kg)/2pcs; 154 lbs (70 kg)/3pcs.
- Door thickness: Min. 1-3/8" (35 mm).
- Max. door size: H 94-1/2" × W 35-7/16" (H 2400 mm × W 900 mm).





No.	Part Name	Material	Finish/Color
1	Body	Zinc Alloy	Dull Chrome (DC), Dull Nickel (DN), Black (BL)
2	Base Frame		
3	Arm	Aluminum	
4	Pin	304 Stainless Steel	-
5	Cover	ABS	Dull Chrome (DC), Dull Nickel (DN), Black (BL)

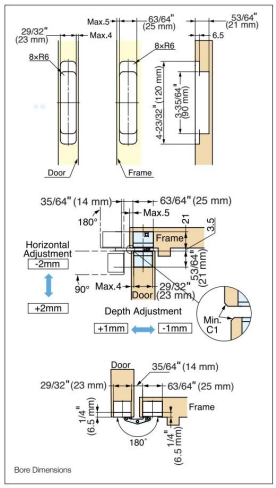
Item No.	Finish/Color	Weight (g)	Box (pcs)	Carton (pcs)
HES3D-E160DC	Dull Chrome	760	2	12
HES3D-E160DN	Dull Nickel			
HES3D-E160BL	Black			

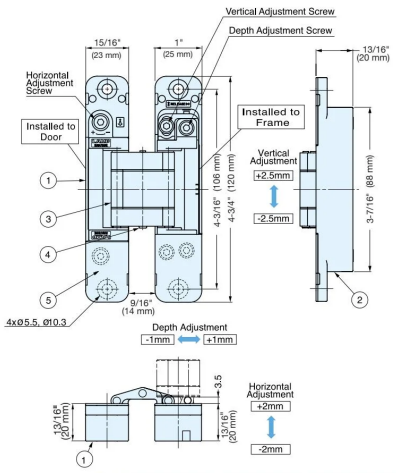
3-WAY ADJUSTABLE CONCEALED HINGE — HES3D-120



HES3D-120DC HES3D-120DN HES3D-120BL

- 3-WAY adjustment function allows vertical, horizontal, and depth adjustment after hinge installed.
- Easy installation and adjustment.
- Successfully passed 300,000 open/close private cycle tests.
- Supplied with steel flat head screw.
- Covers hide all screw heads for clean appearance.
- Door weight: Max. 66 lbs (30 kg)/2 pcs; 88 lbs (40 kg)/3 pcs.
- Door Thickness: Min. 1-1/8" (29 mm).
- Max. Door Size: H 94-1/2" × W 35-7/16" (H 2400 mm x W 900 mm).
- Bracket for sheet metal available (HES3D-120BKT).





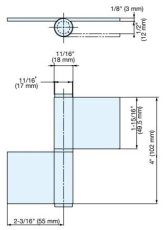
No.	Part Name	Material	Finish/Color
①	Body	Zinc Alloy	Dull Chrome (DC) Dull Nickel (DN) Black (BL)
②	Base Frame		
③	Arm		
④	Pin	304 Stainless Steel	-
⑤	Cover	ABS	Dull Chrome (DC) Dull Nickel (DN) Black (BL)

Item No.	Finish/Color	Weight (g)	Box (pcs)	Carton (pcs)
HES3D-120DC	Dull Chrome	380	2	24
HES3D-120DN	Dull Nickel			
HES3D-120BL	Black			

STAINLESS STEEL LIFT-OFF HINGE S-6166-2



- Weld-on type stainless steel lift-off hinge.
- Left and Right handed available.
- Door weight:
  Max. 88 lbs (40 kg)/pair.

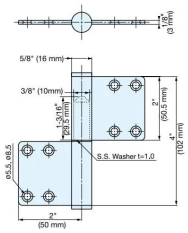


Item No.		Weight (g)	Box (pcs)	Carton (pcs)	Material	Finish
Left	Right					
S-6166-2-L	S-6166-2-R	300	12	60	304 Stainless Steel	Satin

STAINLESS STEEL LIFT-OFF HINGE S-6173-2



- Screw hole is countersunk from both sides.
- Non-handed.
- Door weight:
  Max. 88 lbs (40 kg)/pair.

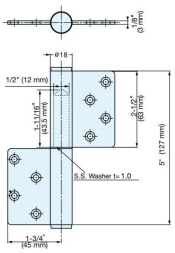


Item No.	Weight (g)	Box (pcs)	Carton (pcs)	Material	Finish
S-6173-2	240	12	60	304 Stainless Steel	Satin

STAINLESS STEEL LIFT-OFF HINGE S-6173-5



- Screw hole is countersunk from both sides.
- Non-handed.
- Door weight:
  Max. 110 lbs (50 kg)/pair.



Item No.	Weight (g)	Box (pcs)	Carton (pcs)	Material	Finish
S-6173-5	330	8	40	304 Stainless Steel	Satin

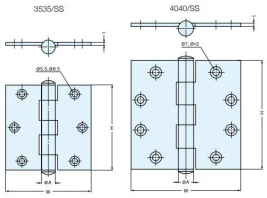


STAINLESS STEEL BUTT HINGE 3535/SS, 4040/SS





- Tamper proof.
- Door weight:
  3535/SS Max. 55 lbs (25 kg)/pair.
  4040/SS Max. 88 lbs (40 kg)/pair.



Material	Finish
304 Stainless Steel	Satin

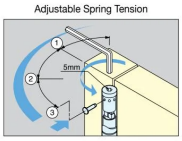
Item No.	H	W	A	t	Weight (g)	Box (pcs)	Carton (pcs)
3535/SS	3-1/2" (89)	3-1/2" (89)	35/64" (14.0)	1/8" (3.0)	145	2	100
4040/SS	4" (101.6)	4" (101.6)	37/64" (14.8)	9/64" (3.4)	195		50



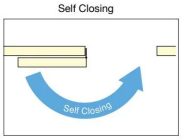
SPRING HINGES — JSA

- Spring loaded for self closing.
- Adjustable spring tension.
- Available in 4 sizes/load capacities.
- Available in stainless steel and aluminum.
- Successfully passed 500,000 open/close private cycle tests.

Adjustable Spring Tension



Self Closing







JSA-120A

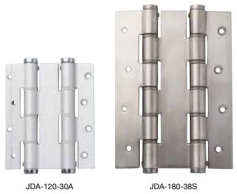


JSA-180S

Item No.	Material	Finish
JSA-120A	Aluminum	Anodized
JSA-180A		
JSA-120S	304 Stainless Steel	Satin
JSA-180S		

Item No.	Load Capacity		Weight (g)	Box (pcs)	Carton (pcs)
	2 Hinges	3 Hinges			
JSA-120A	44 lbs (20 kg)	66 lbs (30 kg)	175	2	20
JSA-180A	88 lbs (40 kg)	132 lbs (60 kg)	260		
JSA-120S	44 lbs (20 kg)	66 lbs (30 kg)	303		
JSA-180S	88 lbs (40 kg)	132 lbs (60 kg)	526		

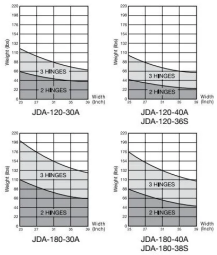
DOUBLE ACTION SPRING HINGE — JDA



JDA-120-30A JDA-180-38S

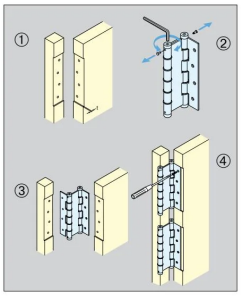


- Spring loaded for self-closing.
- Adjustable spring tension.
- Available in 7 sizes and 2 materials.
- For 2-way swinging doors.
- Successfully passed 500,000 open/close private cycle tests.



JDA-120-30A JDA-120-40A JDA-120-36S

JDA-180-30A JDA-180-40A JDA-180-38S

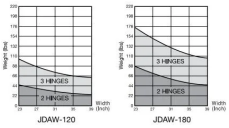


Item No.	Max. Door Thickness	Weight (g)	Material	Finish	Box (pcs)	Carton (pcs)
JDA-120-30A	1-3/16" (30 mm)	275	Aluminum	Anodized	2	20
JDA-120-40A	1-9/16" (40 mm)	320				
JDA-180-30A	1-3/16" (30 mm)	407				
JDA-180-40A	1-9/16" (40 mm)	466				
JDA-180-50A	1-31/32" (50 mm)	510				
JDA-120-36S	1-13/32" (36 mm)	555	304 Stainless Steel	Satin		
JDA-180-38S	1-1/2" (38 mm)	947				

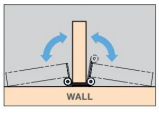
DOUBLE ACTION SPRING HINGE **Wall Mount** — JDAW

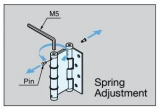


- Spring loaded/self closing.
- Adjustable spring tension.
- Available in 2 sizes/strengths.
- Requires 8 #8 flathead countersunk screws, 3/4" or longer. (not included)



JDAW-120 JDAW-180





Item No.	Door Thickness	Weight (g)	Box (pcs)	Carton (pcs)	Material	Finish
JDAW-120-35A	1-3/8" (35 mm)	350	2	20	Aluminum	Anodized
JDAW-180-35A						



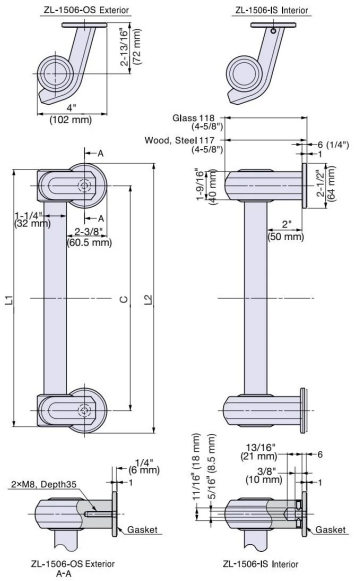
Pure Elegance

Similar to that of a fine handcrafted timepiece, precision is at the heart of the process to blend its gentle edges with an immaculate finish. A process that requires the expertise of a jeweler. With its intricate design details bestowed upon marine grade stainless steel, Zwei L® delivers a simple, natural beauty that compliments a variety of luxurious environments.

Zwei L® by Sugatsune

Zwei L® PREMIUM DOOR HANDLE — ZL-1506

- Can be installed on Glass Door, Wooden or Metal Frame Door.
- Tolerance of screw pitch is ± 1 mm.
- Base Plate included.





Item No.			Material	Finish/Color	L1	L2	C
Exterior	Interior	Back-to-Back					
ZL-1506-OS-192	ZL-1506-IS-192	ZL-1506-WR-192	316 Stainless Steel	Zwei L	9-5/16" (237)	10-1/16" (256)	7-9/16" (192)
ZL-1506-OS-320	ZL-1506-IS-320	ZL-1506-WR-320			4-3/8" (365)	15-1/8" (384)	12-5/8" (320)
ZL-1506-OS-640	ZL-1506-IS-640	ZL-1506-WR-640			27" (685)	27-3/4" (704)	25-3/8" (640)
ZL-1506-OS-960	ZL-1506-IS-960	ZL-1506-WR-960			39-9/16" (1005)	40-5/16" (1024)	37-13/16" (960)

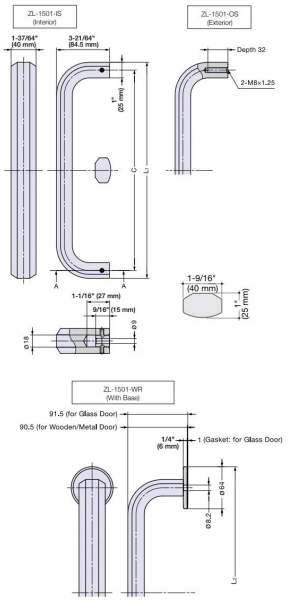
Zwei L® PREMIUM DOOR HANDLE — ZL-1501



ZL-1501-WR



- Can be installed on Glass Door, Wooden or Metal Frame Door.
- Tolerance of screw pitch is ± 1 mm.
- Order base ZL1501-R separately if baseplate is needed for exterior/interior.



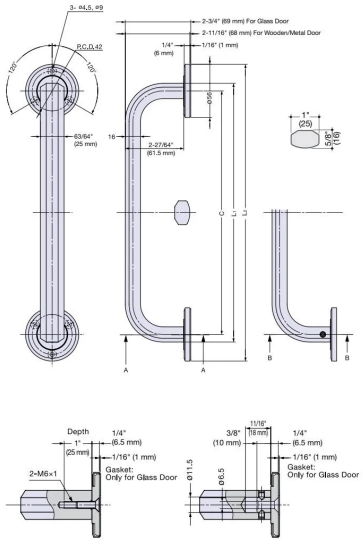
Item No.				Material	Finish	Dimensions		
Exterior	Interior	Back-to-Back	Back-to-Back with Base			C	L_1	L_2
ZL-1501-OS-320	ZL-1501-IS-320	ZL-1501-WN-320	ZL-1501-WR-320	316 Stainless Steel	Zwei L	12-19/32" (320)	13-37/64" (345)	15-1/16" (384)
ZL-1501-OS-640	ZL-1501-IS-640	ZL-1501-WN-640	ZL-1501-WR-640			25-13/64" (640)	26-3/16" (665)	27-3/4" (704)
ZL-1501-OS-960	ZL-1501-IS-960	ZL-1501-WN-960	ZL-1501-WR-960			37-51/64" (960)	38-25/32" (985)	40-5/16" (1024)
*ZL-1501-OS-1280	*ZL-1501-IS-1280	*ZL-1501-WN-1280	*ZL-1501-WR-1280			50-25/64" (1280)	51-3/8" (1305)	52-15/16" (1344)
*ZL-1501-OS-1600	*ZL-1501-IS-1600	*ZL-1501-WN-1600	*ZL-1501-WR-1600			62-63/64" (1600)	63-31/32" (1625)	65-1/2" (1664)
*ZL-1501-OS-1920	*ZL-1501-IS-1920	*ZL-1501-WN-1920	*ZL-1501-WR-1920			75-19/32" (1920)	76-37/64" (1945)	78-1/8" (1984)

*Length over 960 are special order item.

Zwei L® PREMIUM DOOR HANDLE — ZL-1502

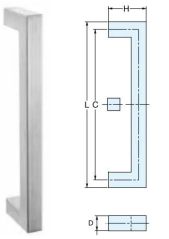


- Can be installed on Glass Door, Wooden or Metal Frame Door.
- Tolerance of screw pitch is ± 1 mm.
- Base Plate included.



Item No.			Material	Finish	Dimensions		
Exterior	Interior	Back-to-Back			C	L_1	L_2
ZL-1502-OS-192	ZL-1502-IS-192	ZL-1502-WR-192	316 Stainless Steel	Zwei L	7-9/16" (192)	8-3/16" (208)	9-3/4" (248)
ZL-1502-OS-320	ZL-1502-IS-320	ZL-1502-WR-320			12-19/32" (320)	13-15/64" (336)	14-13/16" (376)
ZL-1502-OS-640	ZL-1502-IS-640	ZL-1502-WR-640			25-13/64" (640)	25-53/64" (656)	27-3/8" (696)
ZL-1502-OS-960	ZL-1502-IS-960	ZL-1502-WR-960			37-51/64" (960)	38-27/64" (976)	40" (1016)

STAINLESS STEEL DOOR HANDLES — DSI-4400



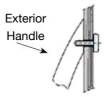
- For use with DSI mounting kits.
- Please specify Interior/Exterior type when ordering:
  Posts for Exterior handles are threaded to accept screws.
  Posts for Interior handles have set screws for DSI mounting kits.

Material	Finish
304 Stainless Steel	Satin

Item No.		D	L	C	H	Box (pcs)	Carton (pcs)
Interior	Exterior						
DSI-4400-15-15I	DSI-4400-15-15E	15	6-1/2" (165)	5-29/32" (150)	2-3/16" (55)	1	10
DSI-4400-15-20I	DSI-4400-15-20E		8-1/2" (215)	7-7/8" (200)			
DSI-4400-15-30I	DSI-4400-15-30E		12-3/8" (315)	11-13/16" (300)			
DSI-4400-20-20I	DSI-4400-20-20E	20	8-11/16" (220)	7-7/8" (200)	2-9/16" (65)		
DSI-4400-20-25I	DSI-4400-20-25E		10-5/8" (270)	9-27/32" (250)			
DSI-4400-20-30I	DSI-4400-20-30E		12-5/8" (320)	11-13/16" (300)			
DSI-4400-30-25I	DSI-4400-30-25E	30	11" (280)	9-27/32" (250)	3-9/16" (90)		
DSI-4400-30-30I	DSI-4400-30-30E		12" (330)	11-13/16" (300)			
DSI-4400-30-35I	DSI-4400-30-35E		14-15/16" (380)	13-25/32" (350)			
DSI-4400-30-60I	DSI-4400-30-60E		24-13/16" (630)	23-5/8" (600)			

MOUNTING KITS FOR DSI SERIES DOOR HANDLES

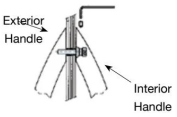
Single handle installation kit for wood/glass/metal doors



Max. Door Thickness:
DSI-1630-30:100 mm (4")
DSI-2000-20: 80 mm (3-3/16")
DSI-2000-30: 80 mm (3-3/16")
DSI-3310-15: 60 mm (2-3/8")
DSI-3310-20: 60 mm (2-3/8")
DSI-3310-30: 60 mm (2-3/8")
DSI-3330-30:100 mm (4")
DSI-4400-15: 60 mm (2-3/8")
DSI-4400-20: 60 mm (2-3/8")
DSI-4400-30: 60 mm (2-3/8")

Item No.	For use with
DKIT-2/15-1	DSI-3310-15
DKIT-2/15-2	DSI-4400-15
DKIT-2/20-1	DSI-2000-20/DSI-3310-20
DKIT-2/20-2	DSI-4400-20
DKIT-2/30-1	DSI-1630-30/DSI-2000-30 DSI-3310-30/DSI-3330-30
DKIT-2/30-2	DSI-4400-30

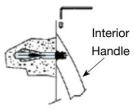
Back-to-back handle installation kit for wood/glass/metal doors



Max. Door Thickness:
DSI-1630-30: 90 mm (3-1/2")
DSI-2000-20:100 mm (4")
DSI-2000-30: 45 mm (1-3/4")
DSI-3310-15:100 mm (4")
DSI-3310-20:100 mm (4")
DSI-3310-30:100 mm (4")
DSI-3330-30:100 mm (4")
DSI-4400-15:100 mm (4")
DSI-4400-20:100 mm (4")
DSI-4400-30:100 mm (4")

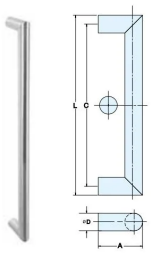
Item No.	For use with
DKIT-4/15-1	DSI-3310-15
DKIT-4/15-2	DSI-4400-15
DKIT-4/20-1	DSI-2000-20/DSI-3310-20
DKIT-4/20-2	DSI-4400-20
DKIT-4/30-1	DSI-1630-30/DSI-2000-30 DSI-3310-30/DSI-3330-30
DKIT-4/30-2	DSI-4400-30

Single handle installation for concrete walls



Item No.	For use with
DKIT-5/15	DSI-3310-15/DSI-4400-15
DKIT-5/20	DSI-2000-20/DSI-3310-20 DSI-4400-20
DKIT-5/30	DSI-1630-30/DSI-2000-30 DSI-3310-30/DSI-3330-30 DSI-4400-30

STAINLESS STEEL DOOR HANDLES — DSI-3310

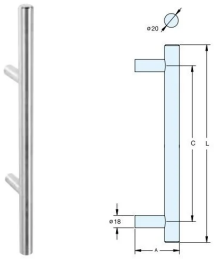


- For use with DSI mounting kits.
- Please specify Interior/Exterior type when ordering:
  Posts for Exterior handles are threaded to accept screws.
  Posts for Interior handles have set screws for DSI mounting kits.

Material	Finish
304 Stainless Steel	Satin

Item No.		D	L	C	A	Box (pcs)	Carton (pcs)
Interior	Exterior						
DSI-3310-15-15I	DSI-3310-15-15E	15	6-1/2" (165)	5-29/32" (150)	2-3/16" (55)	1	10
DSI-3310-15-20I	DSI-3310-15-20E		8-1/2" (215)	7-7/8" (200)			
DSI-3310-15-30I	DSI-3310-15-30E		12-3/8" (315)	11-13/16" (300)			
DSI-3310-20-20I	DSI-3310-20-20E	20	8-11/16" (220)	7-7/8" (200)	2-9/16" (65)		
DSI-3310-20-25I	DSI-3310-20-25E		10-5/8" (270)	9-27/32" (250)			
DSI-3310-20-30I	DSI-3310-20-30E		12-5/8" (320)	11-13/16" (300)			
DSI-3310-30-25I	DSI-3310-30-25E	30	11" (280)	9-27/32" (250)	3-9/16" (90)		
DSI-3310-30-30I	DSI-3310-30-30E		12" (330)	11-13/16" (300)			
DSI-3310-30-35I	DSI-3310-30-35E		14-15/16" (380)	13-25/32" (350)			
DSI-3310-30-60I	DSI-3310-30-60E		24-13/16" (630)	23-5/8" (600)			

STAINLESS STEEL DOOR HANDLES — DSI-2000



- For use with DSI mounting kits.
- Please specify Interior/Exterior type when ordering:
  Posts for Exterior handles are threaded to accept screws.
  Posts for Interior handles have set screws for DSI mounting kits.

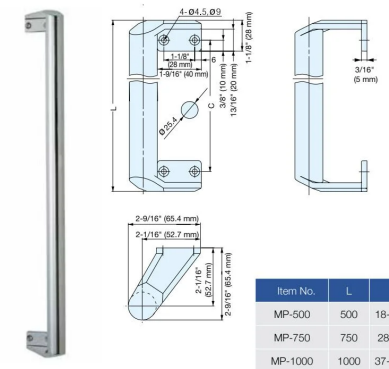
Material	Finish
304 Stainless Steel	Satin

Item No.		L	C	A	Weight (kg)		Box (pcs)	Carton (pcs)
Interior	Exterior				Interior	Exterior		
DSI-2000-20-20I	DSI-2000-20-20E	11-13/16" (300)	7-7/8" (200)	2-9/16" (65)	0.89	0.89	2	10
DSI-2000-20-25I	DSI-2000-20-25E	15-3/4" (400)	9-7/8" (250)		1.11	1.11		
DSI-2000-20-30I	DSI-2000-20-30E	17-3/4" (450)	11-13/16" (300)		1.26	1.26		
DSI-2000-20-50I	DSI-2000-20-50E	27-9/16" (700)	19-11/16" (500)		0.54	0.54		

Item No.		L	C	A	Weight (kg)		Box (pcs)	Carton (pcs)
Interior	Exterior				Interior	Exterior		
DSI-2000-30-25I	DSI-2000-30-25E	21-5/8" (500)	9-7/8" (250)	3-9/16" (90)	1.34	1.11	2	10
DSI-2000-30-35I	DSI-2000-30-35E	25-9/16" (650)	13-3/4" (350)		1.22	1.20		
DSI-2000-30-45I	DSI-2000-30-45E	29-1/2" (750)	17-3/4" (450)		1.34	1.29		
DSI-2000-30-60I	DSI-2000-30-60E	35-7/16" (900)	23-5/8" (600)		1.50	1.50		

Handles & Knobs

LARGE STAINLESS STEEL HANDLE — MP SERIES

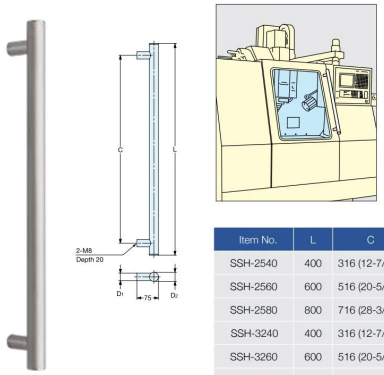


- Ideal for harsh and high corrosive environments.
- Designed for machinery applications where a heavy duty handle is required.

Material	Finish
316 Stainless Steel	Mirror

Item No.	L	C	Weight (g)	Box (pcs)	Carton (pcs)
MP-500	500	18-17/64" (464)	1000		20
MP-750	750	28-7/64" (714)	1300	2	16
MP-1000	1000	37-61/64" (964)	1600		12

LARGE STAINLESS STEEL HANDLE — SSH SERIES

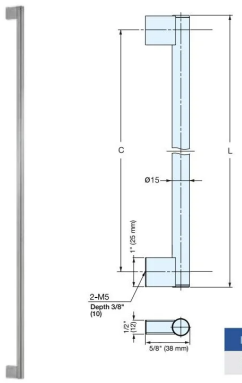


- Ideal in high corrosive environments and machinery applications.
- Designed for applications where a heavy duty handle is required.
- Recommended screw size: M8.

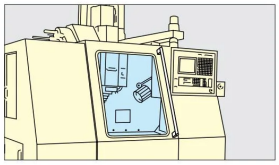
Material	Finish
304 Stainless Steel	Satin

Item No.	L	C	D1	D2	Weight (g)	Box (pcs)	Carton (pcs)
SSH-2540	400	316 (12-7/16")			665		
SSH-2560	600	516 (20-5/16")	19	25	750	10	100
SSH-2580	800	716 (28-3/16")			840		
SSH-3240	400	316 (12-7/16")			1175		
SSH-3260	600	516 (20-5/16")	25	32	1290	5	50
SSH-3280	800	716 (28-3/16")			1400		

LARGE STAINLESS STEEL HANDLE — RH-760



- Low profile design.
- Designed for machinery applications where a heavy duty handle is required.
- Recommended screw size: M5.

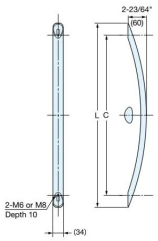


Material	Finish
304 Stainless Steel	Satin

Item No.	L	C	Weight (g)	Box (pcs)	Carton (pcs)
RH-760	786	29-59/64" (760)	340	20	200

LARGE ALUMINUM HANDLE — SOR SERIES





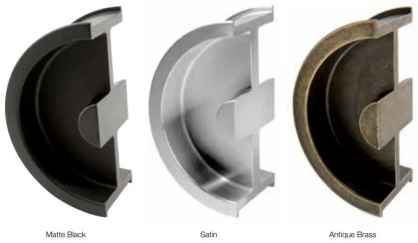
- Ideal for machinery applications where a large handle is required.
- Recommended screw size:
  M6 (400 and 600)
  M8 (800)

Material	Finish
Aluminum	Anodized (S), Black (BL)

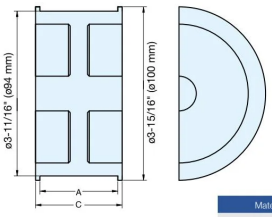
Item No.		L	C	Weight (g)	Box (pcs)	Carton (pcs)
SOR-400/S	SOR-400/BL	15-23/64" (390)	13-3/16" (335)	385	30	300
SOR-600/S	SOR-600/BL	23-5/8" (600)	20-35/64" (522)	495	20	200
SOR-800/S	SOR-800/BL	32-1/8" (860)	27-61/64" (710)	605	15	150



SLIDING DOOR HANDLE — DSI-3250



- Contemporary handle design that can be accessed from door front, back, or edge.
- Requires adhesive for installation, such as 2-part epoxy, not supplied.



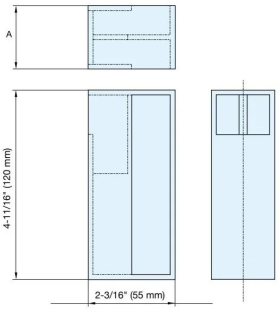
Material	Finish
304 Stainless Steel	Satin
Brass (AB model only)	Antique Brass (AB)

Item No.	C	A	Weight (g)	Box (pcs)	Carton (pcs)
DSI-3250-12-1	11/16" (17 mm)	1/2" (12.7 mm)	280	1	10
DSI-3250-35	1-17/32" (39 mm)	1-3/8" (35 mm)	440		
DSI-3250-35-AB					
DSI-3250-35-BL					
DSI-3250-45	1-15/16" (49 mm)	1-49/64" (45.0 mm)	550		
DSI-3250-45-AB					
DSI-3250-45-BL					
DSI-3250-50	2-1/8" (54 mm)	1-31/32" (50 mm)	670		

SLIDING DOOR HANDLE — DSI-4251



- Contemporary handle design that can be accessed from door front, back, or edge.
- Requires adhesive for installation, such as 2-part epoxy, not supplied.

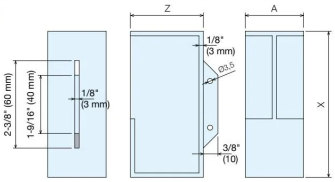


Item No.	A	Weight (g)	Box (pcs)	Carton (pcs)
DSI-4251-35	1-3/8" (35)	490	1	10
DSI-4251-38	1-1/2" (38)	515		
DSI-4251-40	1-9/16" (40)	530		
DSI-4251-43	1-11/16" (43)	550		
DSI-4251-45	1-3/4" (44.5)	570		
DSI-4251-50	1-31/32" (50)	590		

Material	Finish
304 Stainless Steel	Satin



SLIDING DOOR HANDLE — DSI-4254



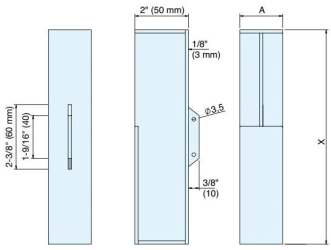
- Contemporary handle design that can be accessed from door front, back, or edge.
- Requires adhesive for installation, such as 2-part epoxy, not supplied.



Item No.	A	X	Z	Weight (g)	Box (pcs)	Carton (pcs)
DSI-4254-100-35	1-3/8" (35)	3-15/16" (100)	2" (50)	293	1	10
DSI-4254-100-35-BL	1-3/8" (35)	3-15/16" (100)	2" (50)	293		
DSI-4254-100-45	1-3/4" (45)	3-15/16" (100)	2" (50)	345		
DSI-4254-100-45-BL	1-3/4" (45)	3-15/16" (100)	2" (50)	345		
DSI-4254-200-35	1-3/8" (35)	7-7/8" (200)	3-3/8" (85)	746		
DSI-4254-200-45	1-3/4" (45)	7-7/8" (200)	3-3/8" (85)	822		
DSI-4254-300-35	1-3/8" (35)	11-13/16" (300)	3-3/8" (85)	1110		
DSI-4254-300-45	1-3/4" (45)	11-13/16" (300)	3-3/8" (85)	1231		
DSI-4254-500-35	1-3/8" (35)	19-11/16" (500)	3-3/8" (85)	1795		
DSI-4254-500-45	1-3/4" (45)	19-11/16" (500)	3-3/8" (85)	2019		

Material	Finish
304 Stainless Steel	Satin, Black (BL

SLIDING DOOR HANDLE — DSI-4254S



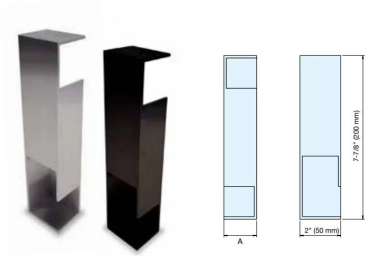
- Contemporary handle design that can be accessed from door front, back, or edge.
- Requires adhesive for installation such, as 2-part epoxy, not supplied.



Item No.	A	X	Weight (g)	Box (pcs)	Carton (pcs)
DSI-4254S200-35	1-3/8" (35)	7-7/8" (200)	541	1	10
DSI-4254S200-45	1-3/4" (45)	7-7/8" (200)	626		
DSI-4254S300-35	1-3/8" (35)	11-13/16" (300)	811		
DSI-4254S300-45	1-3/4" (45)	11-13/16" (300)	941		

Material	Finish
304 Stainless Steel	Satin

SLIDING DOOR HANDLE — DSI-4257



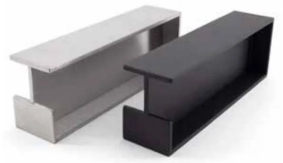
- Contemporary handle design that can be accessed from door front, back, or edge.
- Requires adhesive for installation such as 2-part epoxy, not supplied.



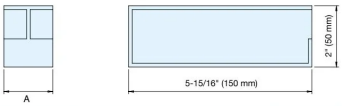
Item No.	Finish	A	Weight (g)	Box (pcs)	Carton (pcs)
DSI-4257-35	Satin	1-3/8" (35)	528	1	8
DSI-4257-35-BL	Black				
DSI-4257-45	Satin	1-3/4" (45)	625		
DSI-4257-45-BL	Black				

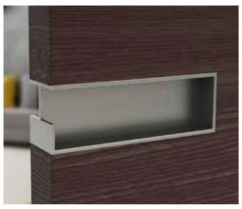
Material	Finish
304 Stainless Steel	Satin, Black (BL

SLIDING DOOR HANDLE — DSI-4258



- Contemporary handle design that can be accessed from door front, back, or edge.
- Requires adhesive for installation, such as 2-part epoxy, not supplied.
- Unique, horizontal design.





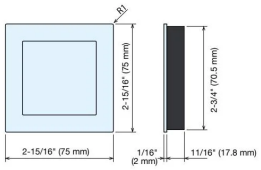
Item No.	W	H	A	Weight (g)	Box (pcs)	Carton (pcs)
DSI-4258-35	5-15/16" (150)	2" (50)	1-3/8" (35)	496	1	18
DSI-4258-35-BL						
DSI-4258-45			1-3/4" (45)	542		
DSI-4258-45-BL						

Material	Finish
304 Stainless Steel	Satin, Black (BL

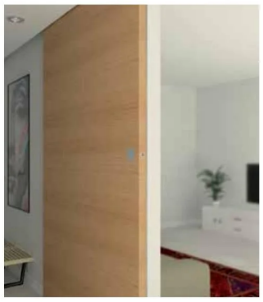
Handles & Knobs

RECESSED PULLS — DSI-4501





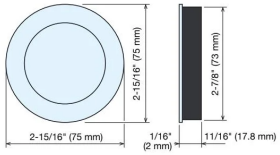
- Modern, unobtrusive design.
- 1/16" (2 mm) projection, ideal for furniture or pocket doors.



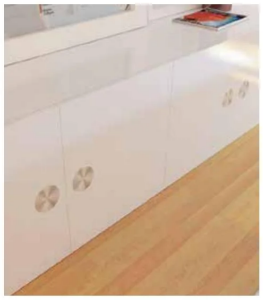
Item No.	Weight (g)	Box (pcs)	Carton (pcs)	Material	Finish
DSI-4501-75	141	10	40	304 Stainless Steel, Plastic, Steel	Satin

RECESSED PULLS — DSI-4502





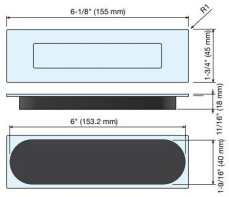
- Modern, unobtrusive design.
- 1/16" (2 mm) projection, ideal for furniture or pocket doors.



Item No.	Weight (g)	Box (pcs)	Carton (pcs)	Material	Finish
DSI-4502-75	122	10	40	304 Stainless Steel, Plastic, Steel	Satin

RECESSED PULLS — DSI-4503





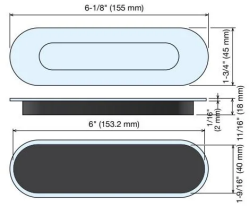
- Modern, unobtrusive design.
- 1/16" (2 mm) projection, ideal for furniture or pocket doors.



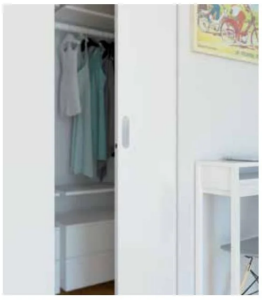
Item No.	Weight (g)	Box (pcs)	Carton (pcs)	Material	Finish
DSI-4503-155	173	10	40	304 Stainless Steel, Plastic, Steel	Satin

RECESSED PULLS — DSI-4504





- Modern, unobtrusive design.
- 1/16" (2 mm) projection, ideal for furniture or pocket doors.



Item No.	Weight (g)	Box (pcs)	Carton (pcs)	Material	Finish
DSI-4504-155	172	10	40	304 Stainless Steel, Plastic, Steel	Satin

PUSH-TO-OPEN DOOR LATCH — ML-ZN80



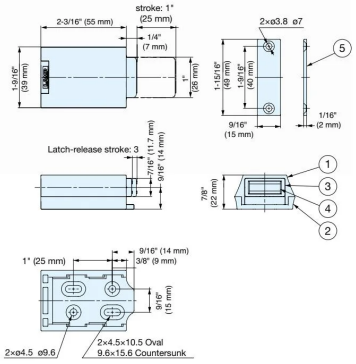
ML-ZN80WT ML-ZN80BL

The Magnetic Touch

The mighty **ML-ZN80 Push-To-Open Door Latch** featuring a strong 11 lbs push force, ideal for large doors up to 275 lbs, it features a magnet that allows tolerance with 1.5° swivel. The hidden mounting screw design offers a clean appearance and easy two part installation, available in two finishes.

Scan to see it in action

The only Push-To-Open Door Latch of this category, available in the market.



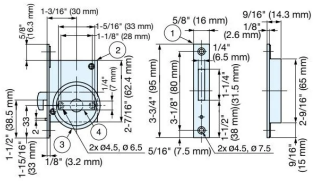
- For doors up to 36" x 96". Ideal for use with the HES3D-E190/W190 Concealed Door Hinge Series.
- Push force of 11 lbs. Can push up to 275 lbs door.
- Hidden Mounting Screw Design for clean appearance and easy installation.
- Passed 100,000 open/close private cycle test.

No.	Part Name	Material	Finish/Color
①	Body	Zinc Alloy	White (WT), Black (BL)
②	Mounting Plate		
③	Latch	Plastic (PA)	-
④	Magnet	Ferrite	
⑤	Strike Plate	Stainless Steel	Polished

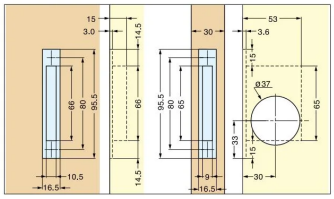
Item No.	Magnetic Force	Push Force	Weight (g)	Max. Door Specs (Reference)			Box (pcs)	Carton (pcs)
				Height	Width	Weight		
ML-ZN80WT	6.6 lbs (3 kg)	11 lbs (5 kg)	160	96-1/16" (2440 mm)	36" (915 mm)	275 lbs. (125 kg)	10	40
ML-ZN80BL								

SLIDING DOOR LATCH — HC-30R





- Sliding door latch for thick doors 1-1/8"~2" (28-52 mm).
- Thumbturn on both sides for easy access.
- Slim design suitable for various applications.
- Non-Handed.
- For sliding doors only.
- Includes screws.

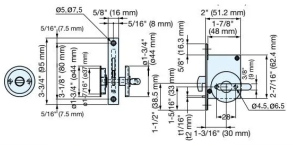


Item No.	Weight (g)	Box (pcs)	Carton (pcs)
HC-30R	283	5	50

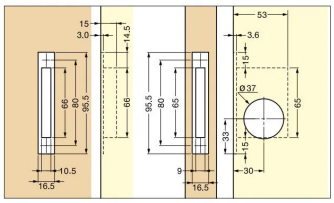
Material	Finish
304 Stainless Steel, Steel, Zinc Alloy	Satin

SLIDING DOOR LATCH — HC-30L





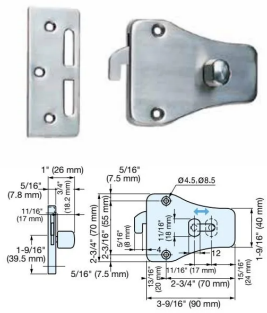
- Sliding door latch with large lever for easy operation.
- Slim design suitable for various applications.
- Non-handed.
- For door thickness 1-1/8"~1-7/8" (28~48 mm).
- For sliding doors only.



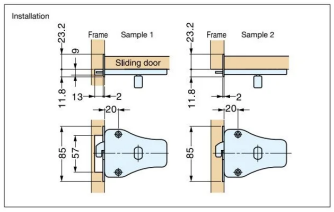
Item No.	Weight (g)	Box (pcs)	Carton (pcs)
HC-30L	309	5	50

Material	Finish
304 Stainless Steel, Brass, Zinc Alloy	Satin

SLIDING DOOR LATCH HC-70



- Surface mount type door latch.
- Slide knob to lock and unlock.
- Large knob for easy operation.
- Non-handed.
- Slim design suitable for various applications.

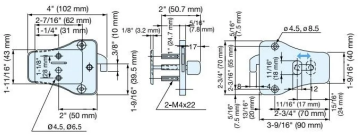


Item No.	Weight (g)	Box (pcs)	Carton (pcs)
HC-70	197	5	50

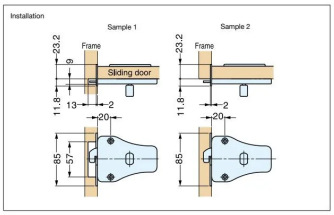
Material	Finish
304 Stainless Steel, Brass	Satin

SLIDING DOOR LATCH (WITH INDICATOR) HC-70H





- Sliding latch with indicator.
- Slide knob to lock and unlock, large knob for easy operation.
- Non-handed.
- Slim design suitable for various applications.
- For door thickness 1-1/32"~1-9/16" (26~40 mm).

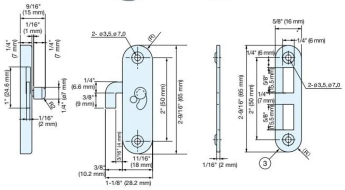


Item No.	Weight (g)	Box (pcs)	Carton (pcs)
HC-70H	297	5	50

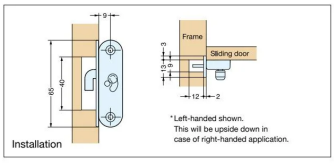
Material	Finish
304 Stainless Steel, Brass	Satin

SLIDING DOOR LATCH HC-65





- Surface mount type door latch with noticeable indicator.
- Extra slim and compact design.
- Simply slide up and down the knob to lock/unlock.
- Non-handed.

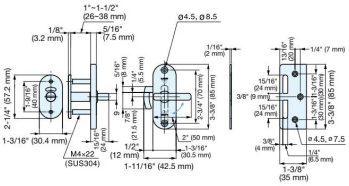


Material	Finish
304 Stainless Steel, Brass	Satin

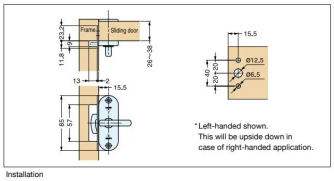
Item No.	Weight (g)	Box (pcs)	Carton (pcs)
HC-65	41	20	200

SLIDING DOOR LATCH HHC-85





- Door latch with indicator, large lever for easy operation.
- Slim design suitable for various applications.
- Non-handed.
- For door thickness 1-1/32"~1-1/2" (26~38 mm).



Material	Finish
304 Stainless Steel, Brass	Satin

Item No.	Weight (g)	Box (pcs)	Carton (pcs)
HHC-65	120	6	30

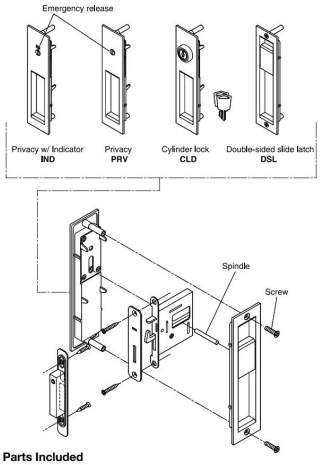
SLIDING DOOR LATCH — HC-3051 SERIES



- Recessed latch handle for wooden sliding doors.
- 4 model types available.
- The backset can be installed at any position between 1-3/16"~2" (30 mm~51 mm) from the door edge.
- Applicable door thickness: 1-3/8"~1-3/4" (35mm ~ 45 mm). 3 different lengths of spindles and 2 different lengths of screw are included. Initial setting is for 1-1/2" (38 mm) door.

■ Latch Body & Strikeplate





■ Latch Faceplates



Privacy (PRV) | Privacy w/ Indicator (IND) | Cylinder lock (CLD) | Double sided slide latch (DSL)

The opposite face of every model has a slide handle, as shown for the DSL model.

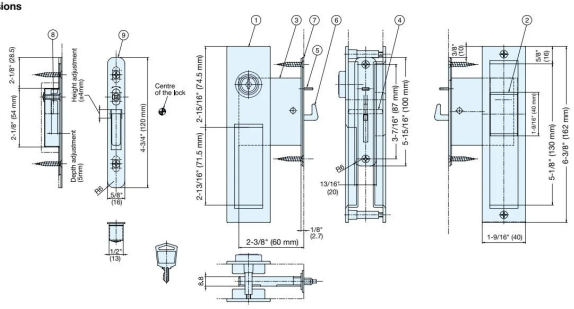
■ Parts Included

-Spindles Ø4×35, Ø4×39, Ø4×43
-Countersunk head tapping screw 3.5×25 (SUS) for strike & latch body
-Countersunk head screw M4×20, M4×25 (SUS) for latch face plates.

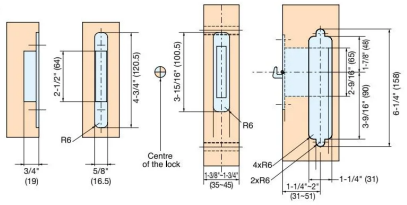
Item Name	Type	Weight (g)	Box (pcs)	Carton (pcs)
HC-3051-PRV-NI	Privacy	531	1	20
HC-3051-IND-NI	Privacy w/ Indicator	535		
HC-3051-CLD-NI	Cylinder lock	557		
HC-3051-DSL-NI	Double Sided Slide	511		

HC-3051-CLD-NI is shown

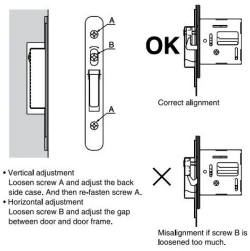
■ Dimensions



■ Cut Out Dimensions



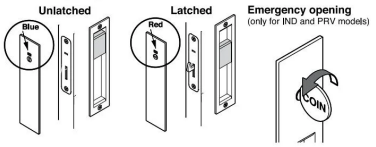
■ Adjustment to the strikeplate



- Vertical adjustment
  Loosen screw A and adjust the back side case. And then re-fasten screw A.
- Horizontal adjustment
  Loosen screw B and adjust the gap between door and door frame.

Misalignment if screw B is loosened too much.

■ Checking the operation of latch



No.	Part Name	Material	Finish
①	Base	Zinc Alloy	Nickel
②	Knob		
③	Latch Body	Steel	Plain
④	Spindle		
⑤	Trigger	304 Stainless Steel	Polished
⑥	Bolt		Polished
⑦	Front Plate (Latch)		Satin
⑧	Strike	Steel	Plain
⑨	Front Plate (Strike)	304 Stainless Steel	Stain

DOOR STOPERS

ZL-1801



- Supplied with stainless steel hex. bolt (M8 × 75), concrete anchor (for M8, ø14 mm hole), stainless steel carriage bolt (M8 × 50) and allen key.

Material	Finish
304 Stainless Steel, Rubber	Zwei L, Black

ZL-1801



- Supplied with stainless steel wood screws (4.1 × 32) and concrete anchor (for wood screw 4.1, ø6 mm hole).
- Available in 2 sizes:
  - **ZL-1802-72** L=2-53/64" (72 mm)
  - **ZL-1802-96** L=3-25/32" (96 mm)

Material	Finish
304 Stainless Steel, Rubber	Zwei L, Black

SMDH

- Can be wall or floor mounted.



Material	Finish
Polycarbonate	Brown, Ivory

KMDH

- Can be wall or floor mounted.



Material	Finish
Polycarbonate	Brown, Ivory

DSD-02

- Floor mount type.
- Available in 2 sizes.



Material	Finish
304 Stainless Steel Rubber	Satin, Black

DSD-03

- Wall mount type.
- Available in 3 sizes.



Material	Finish
304 Stainless Steel Rubber	Satin, Black

SMDH

- Features clear acrylic bumper.



Material	Finish
304 Stainless Steel, Soft Acrylic	Satin

DOOR DAMPER (SURFACE MOUNT) LDD-S



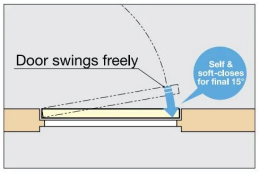
LDD-S-R DBR
(Right - handed)

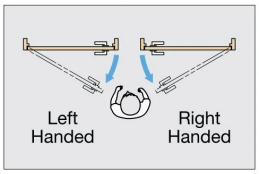
- Door damper unit for interior, swinging doors.
- Grips door at final 15° and softly, self-closes doors more gently compared to other door closers.
- Surface mounting allows hardware to be retrofitted.
- Recommended Door Specifications:
  - Width: max. 36" (914 mm)
  - Weight: 33~88 lbs (15~40 kg)
- Can be adjusted for door weight after installation. Damper function can also be switched off.
- Slim, unobtrusive design: damper unit is just 3/4" high, easily fitting most door frames.



Available in the following colors:









Installation & Adjustment

Component	Material	Finish/Color
Main Body	Steel, Zinc Alloy	Plain
Counter Plate		
Covers	ABS	White (WT), Light Gray (LGR), Light Brown (LBR), Dark Brown (DBR)

Item No.	Type	Door Weight	Door Width	Door Thickness	Box (pc)	Carton (pcs)
LDD-S-L	Left	33~88 lbs (15~40 kg)	Max. 36" (914 mm)	Will support any thickness	1	24
LDD-S-R	Right					

Door Accessories

DOOR DAMPER (RECESSED TYPE) LDD-V

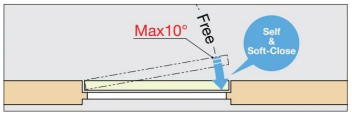




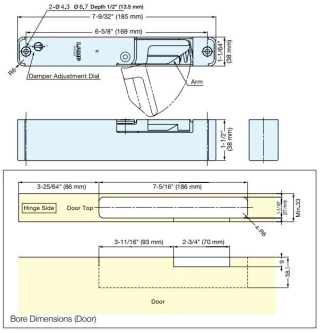
- Door damper unit for interior, swinging doors.
- Grips door at final 10° and softly, self-closes doors more gently compared to other door closers, putting less stress on the hinges.
- "Invisible" design minimizes visibility of hardware.
- Recommended door specifications:
  - Thickness: min. 1-5/16" (33 mm)
  - Width: max. 36" (914 mm)
  - Weight: 33~88 lbs (15~40 kg)
- Can be adjusted for door weight after installation. Counterplate position can be easily adjusted by removing cover and turning micro-adjustment screws.
- Includes screws and paper template for installation.

LDD-V-R is shown



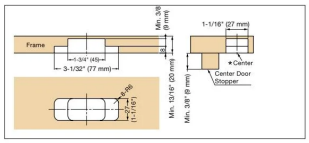


LDD-V-R is shown



Bore Dimensions (Door)





Bore Dimensions (Frame)

Part Name	Material	Finish/Color
Main Body	Steel/Polyacetal/PBT	Chromate/Grey
Counter Plate	Steel/Polyacetal	Nickel/Grey

Item No.	Type	Door Weight	Door Width	Door Thickness	Box (pc)	Carton (pcs)
LDD-V-R	Right	33~88 lbs (15~40 kg)	Max. 36" (914 mm)	Min. 1-19/64" (33 mm)	1	24
LDD-V-L	Left					

DOOR DAMPER (RECESSED TYPE) LDD-V100



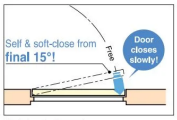
LDD-V100-NI-L shown.



Counter plate cover (Nickel/Dark brown)

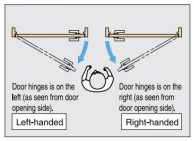
- Door damper unit for interior, swinging doors.
- Grips door at final 15° and softly, self-closes doors more gently compared to other door closers, putting less stress on the hinges.
- Heavy Duty: Holds up to 220 lbs doors (100 kg).
- "Invisible" design minimizes visibility of hardware.
- Recommended door specifications:
  - Thickness: 1-9/16"~2-3/8" (39~60 mm)
  - Width: max. 35-7/16" (900 mm)
  - Weight: 88~220 lbs (40~100 kg)
- Can be adjusted for door weight after installation. Counterplate position can be easily adjusted.
- Includes screws and paper template for installation.

Door Movement

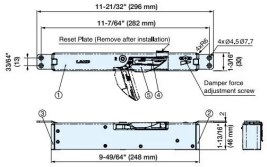


Right-handed type shown.
Left-handed type is symmetrical.

Door Hinge Side

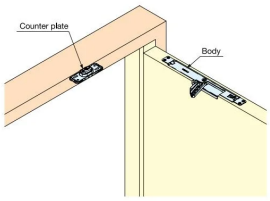


Body



Installation

Below drawing shows right-handed type.
Left-handed type is symmetrical.



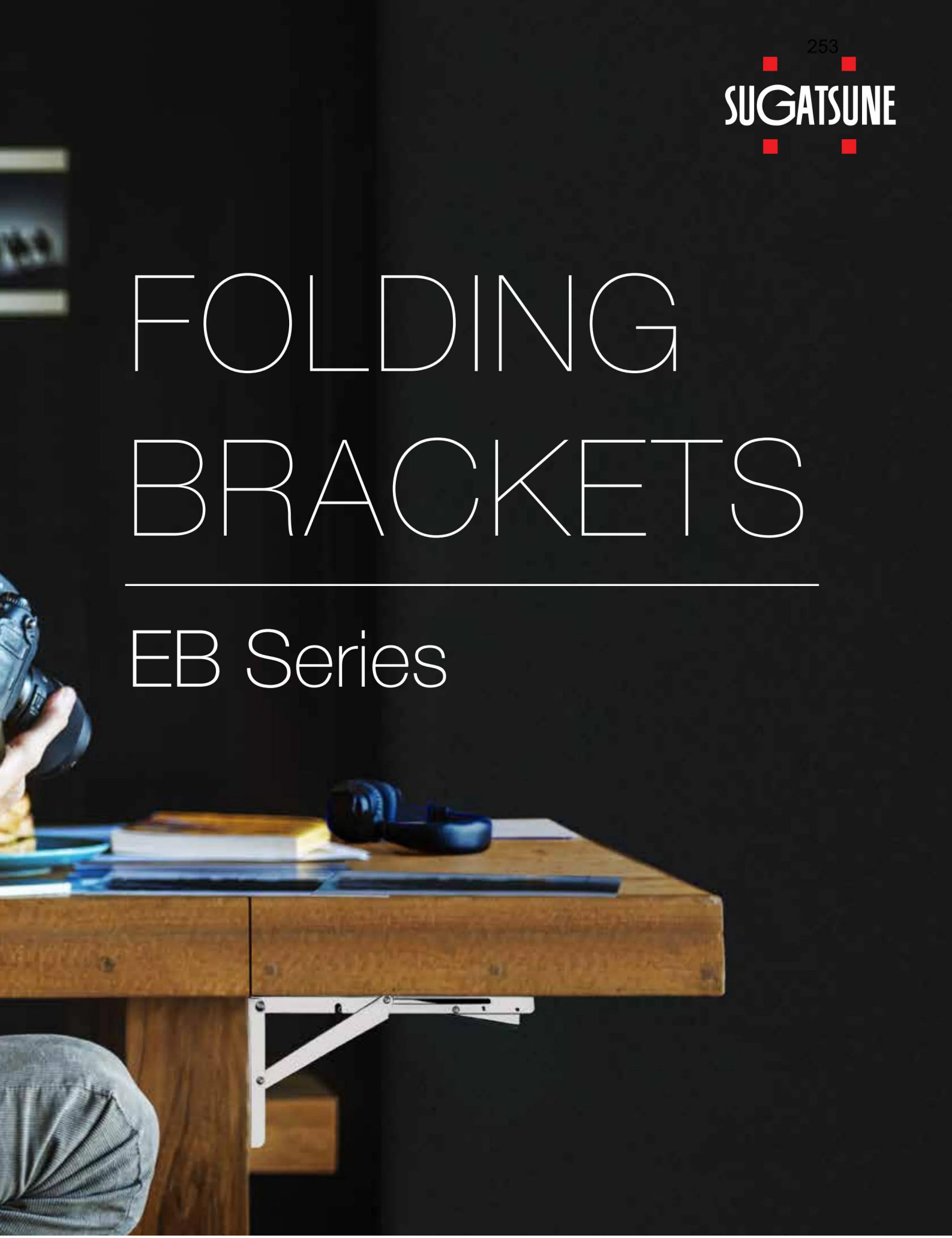
No.	Part Name	Material	Finish/Color
①	Case	Steel (SPCC)	Nickel
②	Damper Base	POM	Grey
③	Spring Base	POM	Grey
④	Arm Cover	POM	Grey
⑤	Arm	Zinc Alloy (ZDC)	Nickel
⑥	Counter Plate Cover	ABS	Dark Brown/Nickel
⑦	Counter Plate Base	Zinc Alloy (ZDC)	–
⑧	Counter Plate Shaft	Steel (SUM)	Nickel

Item No.	Finish/Color	Type	Door Weight	Door Width	Door Thickness	Box (pc)	Carton (pcs)
LDD-V100-DBR-R	Dark Brown	Right	88 lbs~220 lbs (40~100 kg)	Max. 35-7/16" (900 mm)	1-9/16"~2-3/8" (40~60 mm)	1	10
LDD-V100-DBR-L		Left					
LDD-V100-NI-R	Nickel	Right					
LDD-V100-NI-L		Left					

SUGATSUNE

FOLDING BRACKETS

EB Series









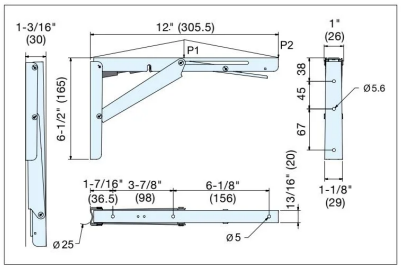
FOLDING BRACKET with damper EB-303/EP-D

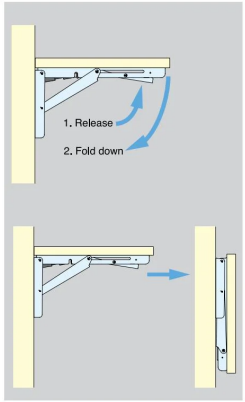


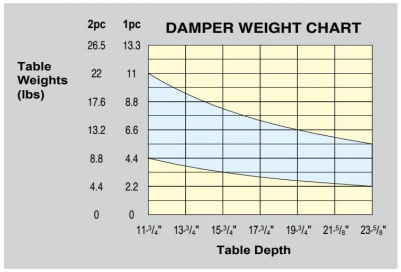
- Automatically locks when flap is in open position.
- Press lever to release the lock.
- Hinges not required.
- Damper unit with a soft-closing feature which makes it smoother and safer.
- Durability tested 50,000 cycles (private).
- Refer to the DAMPER WEIGHT CHART for damper weight capacity.

Application Example









Part Name	Material
Main Body	304 Stainless Steel
Plate Spring	
Rivet	

Introduction Video

Item No.	Bracket Load Capacity P1 (kg)	Bracket Load Capacity P2 (kg)	Weight (g)	Carton (pcs)
EB-303/EP-D	150 (330 lbs)	75 (165 lbs)	515	20

DAMPER FOR EB FOLDING BRACKET

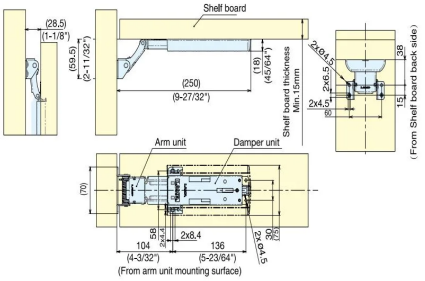
EBD

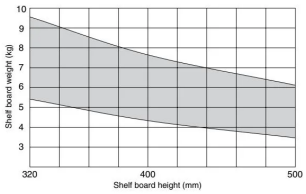


- Designed to be used with folding brackets. (EB Series-sold separately)
- Lapcon technology provides soft-close movement downward.
- Easy surface-mount installation.
- Ideal for counter flaps at bars, restaurants and receptions.

Application Example







Material	Finish/Color
ABS/POM/Steel	Gray/Zinc/Chrome

Item No.	Torque (kg·cm)	Thickness (mm) Min. Panel	Weight (g)	Box (pcs)	Carton (pcs)
EBD	86.7~153.0 (75.3~132.8 lbs-in)	15	400	1	20

FOLDING BRACKET

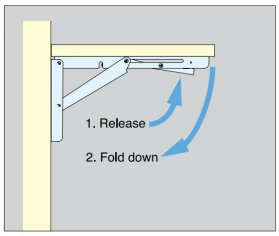
EB

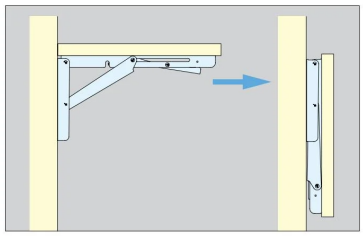


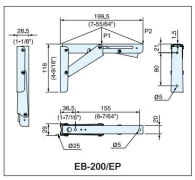
- Automatically locks when flap is in opened position.
- Press lever to release the lock.
- Bracket can be used without the need for hinges.
- Available in 3 different sizes.
- Damper unit EBD available for use with all EB series brackets (sold separately).

Installation Video

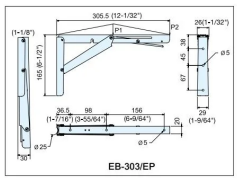
Part Name	Material
Main Body	304 Stainless Steel
Plate Spring	
Rivet	



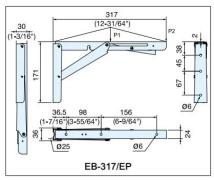




EB-200/EP



EB-303/EP



EB-317/EP

Item No.	Load Capacity P1 (kg)	Load Capacity P2 (kg)	Weight (g)	Carton (pcs)
EB-200/EP	175 (385 lbs)	90 (198 lbs)	330	20
EB-303/EP	150 (330 lbs)	75 (165 lbs)	515	20
EB-317/EP	200 (440 lbs)	100 (220 lbs)	750	20

LEVER RELEASE for EB Folding Bracket



- Easy operation with a slide and push mechanism for locking and lever release.
- Lever can be used with either EB-303/EP, EB-303/EP-D, EB-200/EP or EB-317/EP.
- Use to unlock multiple brackets with one-hand operation while maintaining bracket locking feature.
- Connecting bar can be cut to sizes.
- Available for two or three brackets configuration.
- Corrosive resistant aluminum material allows for outdoor use.
- Simple installation, easier support for wide shelves.
- Ideal solution to save space in confined areas.



Side Levers

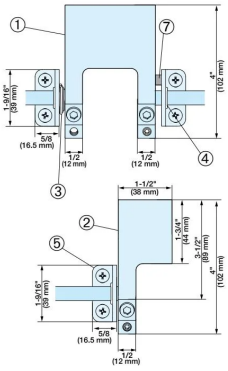


Connecting Lever
For EB-2000-3 only



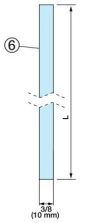
Safety Lock Screw
Spring
Holding Bracket

Connecting Rod

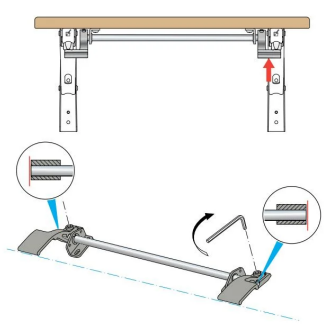


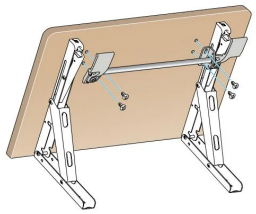
No.	Part Name	Material	Finish
1	Connecting Lever	Aluminum	Anodized Aluminum
2	Side Lever		
3	Spring	Stainless Steel	Plain
4	Washer	Plastic	-
5	Holding Bracket	Aluminum	Anodized Aluminum
6	Connecting Rod		
7	Safety Lock Screw	Stainless Steel	Plain





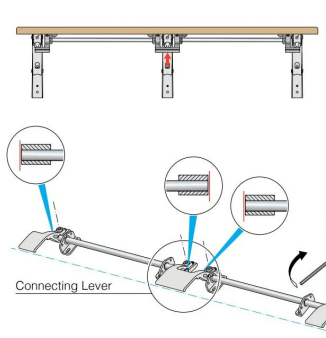
LEVER RELEASE for EB Folding Bracket EB-1000-2/1500-2

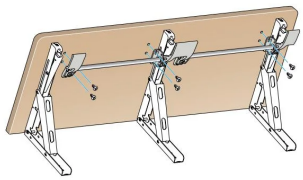




Item No.	Rod Qty	Rod Length (L)	Side Lever Qty	Safety Lock Qty	Holding Bracket Qty	Spring Qty
EB-1000-2	1	39-3/8" (1000 mm)	2	1	3	1
EB-1500-2	1	59-1/16" (1500 mm)	2	1	3	1

LEVER RELEASE for EB Folding Bracket EB-2000-3





Item No.	Rod Qty	Rod Length (L)	Side Lever Qty	Connecting Lever Qty	Safety Lock Qty	Holding Bracket Qty	Spring Qty
EB-2000-3	2	39-3/8" (1000 mm) each	2	1	1	6	1

FASTMOUNT.com
PANEL MOUNTING SYSTEMS

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FASTMOUNT® PRODUCT CATALOG
Panel Mounting Systems

CONTENTS

Product Applications 2
Architectural Clip Selection Guide 2
Standard Profile Range 3, 4

Female Clips


PC-F1A: SELF TAPPING


PC-SF1: SURFACE MOUNT


PC-RF1-B: SIDE SURFACE MOUNT


PC-AF1: AUTO FIT


PC-DC1: MASONRY ADAPTER FOR PC-F1A

Male Clips


PC-M1B: SELF TAPPING


PC-M2H: SELF TAPPING HEAVY DUTY


PC-VM1: VARIO SELF TAPPING


PC-VMX: VARIO SELF TAPPING HEAVY DUTY


PC-SM2: SURFACE MOUNT


PC-SM2H: SURFACE MOUNT HEAVY DUTY


PC-SM1AC: SURFACE MOUNT ACOUSTIC PANEL LIGHTWEIGHT

Low Profile Range 5

Female Clips


LP-F8: SELF TAPPING


LP-DF8: SELF TAPPING COARSE THREAD


LP-AF8A: AUTO FIT

Male Clips


LP-M8A: SELF TAPPING


LP-SM8AS: SURFACE MOUNT

Very Low Profile Range 6


VL-03: CLIP SET


VL-03H: HEAVY DUTY CLIP SET


VL-03FR: FIRE RATED CLIP SET

Metal Range 7

Female Clips


MC-F5: SELF TAPPING MAXI METAL


MC-F10: SELF TAPPING MAXI METAL HEAVY DUTY

Male Clips


MC-M5: MAXI METAL SELF TAPPING

Textile Range 8

Female Clips


TC-F6: TEXTILE CLIP


TC-F6H: TEXTILE CLIP QUICK RELEASE TYPE HEAVY DUTY

Male Clips


TC-M6: TEXTILE CLIP SCREW-IN TYPE


TC-SM6: TEXTILE CLIP SELF-ADHESIVE TYPE

Panel Control 9

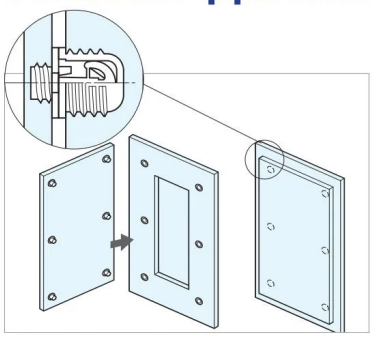

PS-150E: SELF TAPPING

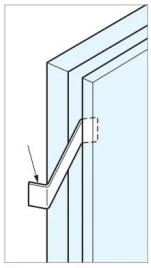

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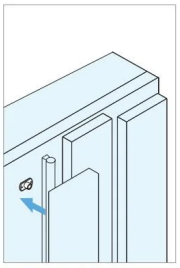
Technical Notes 10
Installation Tools 11

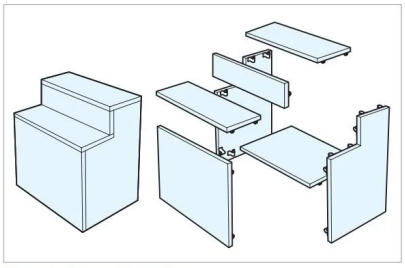
SUGATSUNE

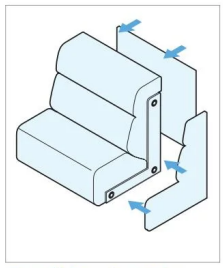
Product Applications


Wall Panel Installation


Removal


Indirect Lighting


Breakdown Furniture

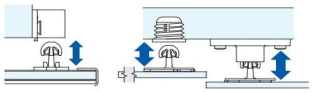

Retail Seating Trim

Which Clips Should I Use?

Fastmount® clips vary in size, shape, and function for use in various applications. "Profile" refers to the thickness of the support substrate; the thickness and material of the support substrate will determine the type of clips best suited to your application:

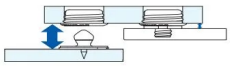
Standard Profile Clips

- Self-tapping clips can be used in applications with support substrate 9/16" or thicker; surface mount clips can be used with thinner support materials such as steel frames.
- Self-tapping, surface mount, and side surface mount clip options available.
- For use with wall and ceiling panels.
- Clip option for curved panels available.
- PC-DC1 masonry adapter for PC-F1A available for brick, concrete, and drywall.



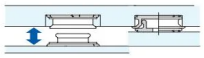
Low Profile Clips

- For applications with support substrate 3/8" or thicker.
- Clip option for drywall mounting available (wall panels only).



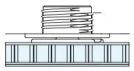
Very Low Profile Clips

- Can be surface or recessed mounted – no minimum substrate thickness.
- No specialized tools required for installation.
- Fire resistant model available.
- For light weight panels.



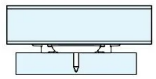
Metal Clips

- Metal clip to withstand high temperatures.
- Allows for tolerance and panel flex (self-centering).
- Provides acoustic and vibration isolation.



Textile Clips

- Enables quick installation and easy removal of cushions.
- Replaces hook-and-loop tapes, snaps, and straps for cushions on outdoor furniture and marine applications.



Architectural Clip Selection Guide

SUBSTRATE	PLYWOOD PANEL	MDF PANEL	PARTICLE BOARD	ACOUSTIC PANEL	HONEYCOMB PANEL
WOOD FRAMES	PC-F1A + PC-VM1 PC-F1A + PC-M2H PC-F1A + PC-SM2H	PC-F1A + PC-VM1 PC-F1A + PC-M2H	PC-F1A + PC-VM1 PC-F1A + PC-M2H	LP-F8 + LP-SM8AS	LP-F8 + LP-SM8AS
STEEL FRAMES	PC-SF1 + PC-M1B PC-SF1 + PC-M2H PC-SF1 + PC-SM2 PC-SF1 + PC-SM2H	PC-SF1 + PC-M1B PC-SF1 + PC-SM2H	PC-SF1 + PC-M1B PC-SF1 + PC-SM2H + glue thread	PC-SF1 + PC-SM2	PC-SF1 + PC-SM2
CONCRETE	PC-DC1 + PC-F1A + PC-VM1 PC-DC1 + PC-F1A + PC-M2H PC-DC1 + PC-F1A + PC-SM2H	PC-DC1 + PC-F1A + PC-VM1 PC-DC1 + PC-F1A + PC-M2H	PC-DC1 + PC-F1A + PC-VM1 PC-DC1 + PC-F1A + PC-M2H	PC-DC1 + PC-F1A + PC-SM1AC	PC-DC1 + PC-F1A + PC-SM2 PC-DC1 + PC-F1A + PC-SM2H
CONCRETE + WOOD FRAMES	PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H	PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H	PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H	**Must use** Wood Frames + LP-F8 + LP-SM8AS	**Must use** Wood Frames + LP-F8 + LP-SM8AS
DRYWALL	LP-DF8 + LP-M8A LP-DF8 + LP-SM8AS PC-DC1 + PC-F1A + PC-VM1 PC-DC1 + PC-F1A + PC-M2H PC-DC1 + PC-F1A + PC-SM2H	LP-DF8 + LP-M8A LP-DF8 + LP-SM8AS PC-DC1 + PC-F1A + PC-VM1 PC-DC1 + PC-F1A + PC-M2H	LP-DF8 + LP-M8A LP-DF8 + LP-SM8AS PC-DC1 + PC-F1A + PC-VM1 PC-DC1 + PC-F1A + PC-M2H	LP-DF8 + LP-SM8AS with HMA (hot glue) PC-DC1 + PC-F1A + PC-SM1AC	LP-DF8 + LP-SM8AS - with epoxy glue PC-DC1 + PC-F1A + PC-SM2 PC-DC1 + PC-F1A + PC-SM2H
PLYWOOD, MDF	PC-F1A + PC-M1B PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H	PC-F1A + PC-M1B PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H	PC-F1A + PC-M1B PC-F1A + PC-M2H PC-F1A + PC-SM2 PC-F1A + PC-SM2H	LP-F8 + LP-SM8AS	LP-F8 + LP-SM8AS - with epoxy glue

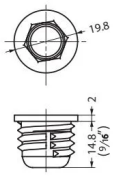
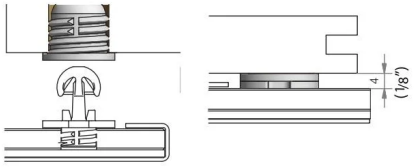
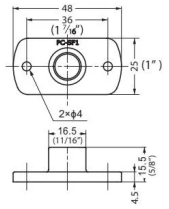
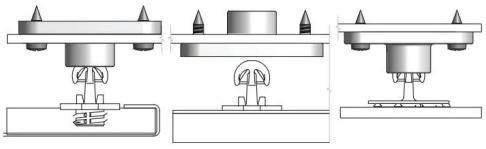
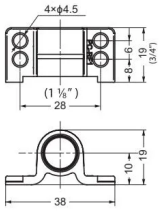
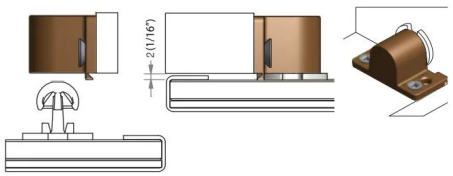
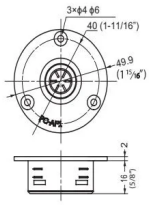
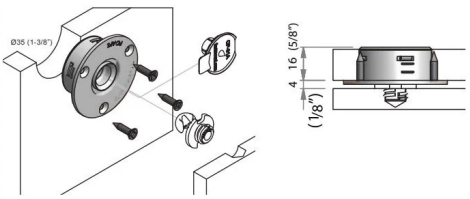
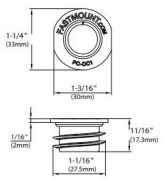
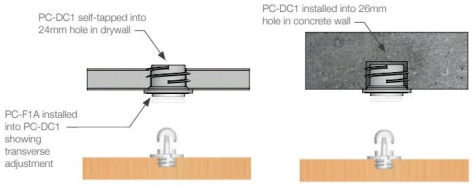
This Clip Selection Guide should be used as a general guide only. Please contact customer service for more detailed advice if required. For overhead panels, a trial installation is strongly recommended to prove compatibility of Fastmount® systems with the panels and substrates in your project.

Standard Profile Range

The Standard Profile Clips offer the greatest variety of installation options and can be used for both wall and ceiling panels. Self-tapping clips can be used in applications with support substrate 9/16" or thicker; surface mount clips can be used with thinner support materials such as steel frames.



Female Clips

Item No.	Dimensions	Diagram	Description
PC-F1A 			**SELF TAPPING** **Mounts into:** 0.66" (16.8mm) hole drill with CT-01, CT-07 **Install with:** CT-03 **Compatible with Standard Profile Male Clips:** PC-M1B, PC-M2H, PC-VM1, PC-VMX, PC-SM1AC PC-SM2, PC-SM2H **Box:** 100 **Carton:** 500
PC-SF1 			**SURFACE MOUNT** Affix with #6 screws. **Compatible with Standard Profile Male Clips:** PC-M1B, PC-M2H, PC-VM1, PC-VMX, PC-SM1AC PC-SM2, PC-SM2H **Box:** 100 **Carton:** 500
PC-RF1-B 			**SIDE SURFACE MOUNT** Affix with #6 screws. **Compatible with Standard Profile Male Clips:** PC-M1B, PC-M2H, PC-VM1, PC-VMX, PC-SM1AC PC-SM2, PC-SM2H **Box:** 100 **Carton:** 500
PC-AF1 			**AUTO FIT** Lateral adjustment for use with curved panels. Affix with #6 screws. **Mounts into:** 1-3/8" (35mm) hole **Compatible with Standard Profile Male Clips:** PC-M1B, PC-M2H, PC-VM1, PC-VMX, PC-SM1AC PC-SM2, PC-SM2H **Box:** 100 **Carton:** 500
PC-DC1 			**SELF TAPPING** Masonry Drywall Adapter for PC-F1A **Mounts into:** 1" (24~26mm) hole **Use with:** PC-F1A **Install with:** rubber mallet (not provided). **Box:** 100 **Carton:** 1000

Accessories



CP-01-ST STAINLESS STEEL TIP

Stainless Steel tip for marking panels made of hard materials. Fits into the PC-F1A, PC-SF1, PC-RF1 and PC-AF1 female clips. Use to mark hole center in panel for correct clip alignment.

Installation Tools: Standard Profile



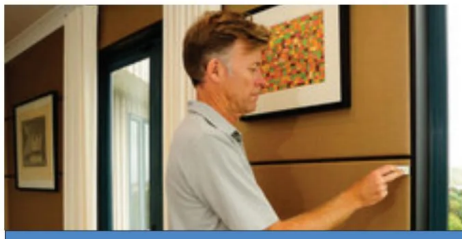
CT-08 YARD KIT 6 TOOLS

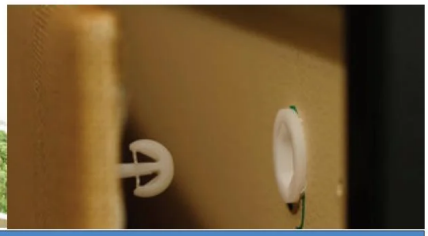
One each CT-01, CT-03, CT-05, CT-07, CT-09, and CT-10 in plastic box.

Use to install self-tapping standard profile clips.

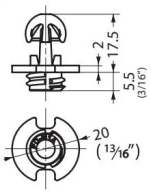
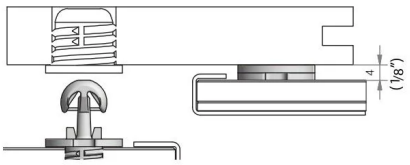
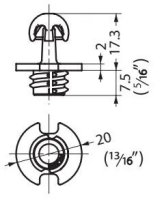
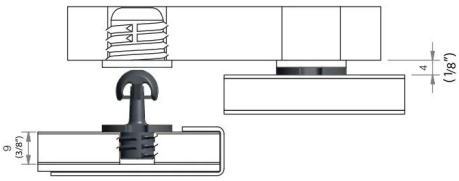
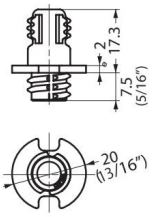
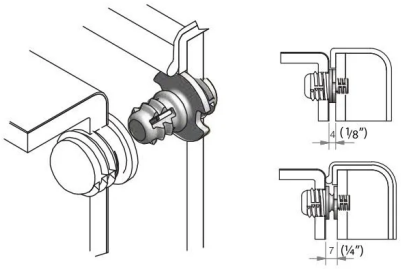
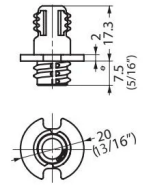
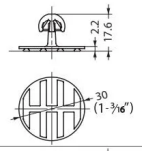
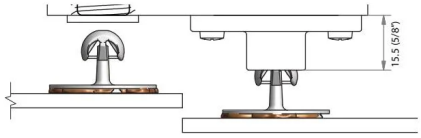
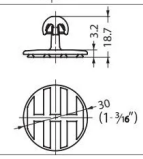
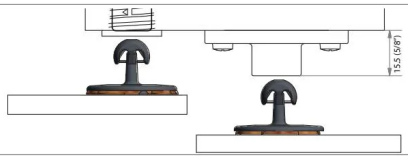
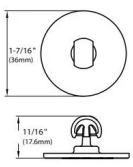
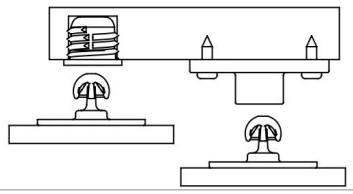
SUGATSUNE

Standard Profile Range





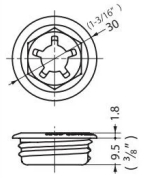
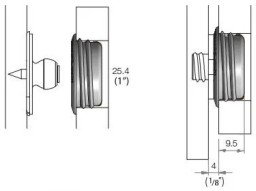
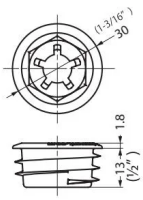
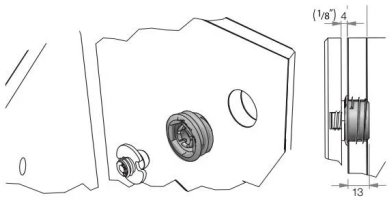
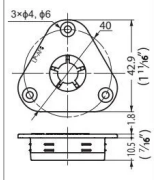
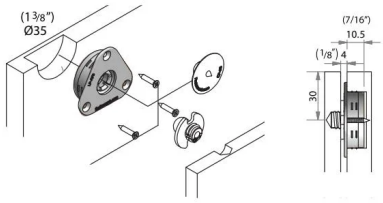
Male Clips

Item No.	Dimensions	Diagram	Description
PC-M1B 			**SELF TAPPING** **Mounts into:** 3/8" (10mm) hole drilled with CT-01 or CT-09 **Fits into:** PC-F1A, PC-SF1, PC-RF1, PC-AF1 **Install with:** CT-10 **Pull Out Force:** 11 lbs (5kg) **Box:** 100 **Carton:** 1,000
PC-M2H 			**SELF TAPPING HEAVY DUTY** **Mounts into:** 3/8" (10mm) drilled with CT-01 or CT-09 **Fits into:** PC-F1A, PC-SF1, PC-RF1, PC-AF1 **Install with:** CT-10 **Minimum panel thickness:** 11/32" (9mm) **Pull Out Force:** 22 lbs (10kg) **Box:** 100 **Carton:** 500
PC-VM1 			**VARIO SELF TAPPING** Variable gap, high shear strength. **Mounts into:** 3/8" (10mm) drilled with CT-01 or CT-09 **Fits into:** PC-F1A, PC-SF1, PC-RF1, PC-AF1 **Install with:** CT-10 **Minimum panel thickness:** 11/32" (9mm) **Pull Out Force:** 11lbs (5kg) **Box:** 100 **Carton:** 500
PC-VMX 			**VARIO SELF TAPPING HEAVY DUTY** Variable gap, high shear strength. **Mounts into:** 3/8" (10mm) drilled with CT-01 or CT-09 **Fits into:** PC-F1A, PC-SF1, PC-RF1, PC-AF1 **Install with:** CT-10 **Minimum panel thickness:** 11/32" (9mm) **Pull Out Force:** 33 lbs (15kg) **Box:** 100 **Carton:** 500
PC-SM2 			**SURFACE MOUNT** Adhesive fix super-groove base. **Fits into:** PC-F1A, PC-SF1, PC-RF1, PC-AF1 **Pull Out Force:** 11lbs (5kg) **Box:** 100 **Carton:** 500
PC-SM2H 			**SURFACE MOUNT HEAVY DUTY** Adhesive fix super-groove base. **Fits into:** PC-F1A, PC-SF1, PC-RF1, PC-AF1 **Pull Out Force:** 22 lbs (10kg) **Box:** 100 **Carton:** 500
PC-SM1AC 			**SURFACE MOUNT ACOUSTIC FABRIC PANEL LIGHTWEIGHT** Adhesive fix directly onto panel. **Fits into:** PC-F1A, PC-SF1, PC-RF1, PC-AF1 **Pull Out Force:** 4.4 lbs (2kg) **Box:** 100 **Carton:** 1000

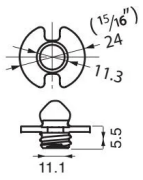
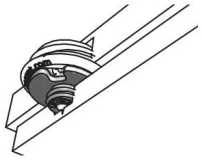
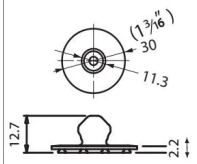
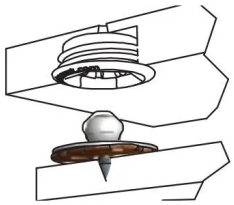
Low Profile Range

For applications with thin support substrates, 3/8" (10mm) or thicker. LP-DF8 option available for wall panel applications on drywall.

Female Clips

Item No.	Dimensions	Diagram	Description
LP-F8 			**SELF TAPPING** **Mounts into:** 1" (25-25.4mm) hole **Fits into:** Plywood and MDF boards. **Install tool:** CT-19 **Compatible with Low Profile Male Clips:** LP-M8A, LP-SM8AS **Box:** 100 **Carton:** 500
LP-DF8 			**SELF TAPPING COARSE THREAD** **Mounts into:** 1" (25-25.4mm) hole **Fits into:** Drywall (sheetrock) and soft core materials 1/2" (12mm) or thicker. **Install tool:** CT-19, in battery drill with correct clutch setting **Compatible with Low Profile Male Clips:** LP-M8A, LP-SM8AS **Box:** 100 **Carton:** 500
LP-AF8A 			**AUTO FIT** Lateral adjustment for use with curved panels. Affix with #6 countersunk screws. **Mounts into:** 1 3/8" (35mm) pre-drilled hole in substrate **Fits into:** Plywood, MDF, fiberglass, etc., 7/16" (10.5mm) or thicker. **Compatible with Low Profile Male Clips:** LP-M8A, LP-SM8AS **Box:** 25 **Carton:** 250

Male Clips

Item No.	Dimensions	Diagram	Description
LP-M8A 			**SELF TAPPING** **Mounts into:** Plywood & MDF type boards with 3/8" (10mm) hole **Fits into:** LP-F8, LP-DF8, LP-AF8A **Install with:** CT-10 **Pull Out Force:** 11 lbs (5kg) **Box:** 100 **Carton:** 500
LP-SM8AS 			**SURFACE MOUNT** Can be glued or screwed into place with a self-tapping 3/4" #4 screw. **Mounts onto:** Plywood or MDF panels. **Fits into:** LP-F8, LP-DF8, LP-AF8A **Pull Out Force:** 11 lbs (5kg) **Box:** 100 **Carton:** 500

Accessories



CP-08ST LOW PROFILE CLIP CENTER POINT – STEEL TIP

Stainless steel tip for marking panels made of hard materials. Fits into the LP-F8 and LP-DF8 female clips. Use to mark hole center in panel for correct clip alignment.

Installation Tools: Low Profile Series



LP-08Y YARD KIT LOW PROFILE

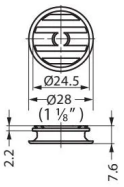
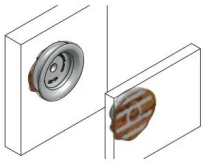
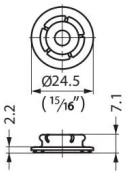
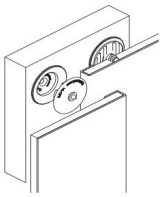
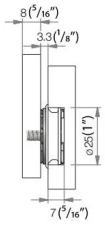
Contains tools for installing Low Profile Range clips and panel removal tool. Plastic box with CT-05, CT-09, CT-10, CT-19.

SUGATSUNE

Very Low Profile Range

Perfect for mounting removable thin wall panels and facings. This clip set requires less depth compared to other Fastmount® ranges. No special installation tools are required. The clips set may be adhesive and/or screw fixed. Ideal for mounting panels where no drilling is preferred. Typical applications include wall panels, headboards and inspection panels. VL-03FR clips are made of flame retardant plastic, rated at UL94 V-0 for applications requiring fire rated materials.

VL-03/VL03H

Item No.		Dimensions	Diagram Spacing Options	Description
VL-03 (Standard)  **VL-03H** (Heavy Duty)  **VL-03FR** (Fire Rated) 	**Female Clip** 		Surface Mount  	**CLIP SET** For surface or recessed mounting. Can be screw or glue fixed. No special tools needed. **Supplied with:** Stainless steel screw (VL-SS3). 1 screw included with VL-03 and VL03H. 2 screws included with VL03FR. **Pull Out Force:** **VL-03:** 11 lbs (5kg) per clip **VL-03H:** 22 lbs (10kg) per clip **VL-03FR:** 22 lbs (10kg) per clip **Box:** 100 **Carton:** 500
	Male Clip 		Recess Mount  	

Accessories



VL-CP3 VERY LOW PROFILE CENTER POINT

Use to mark hole center in panel for correct clip alignment. Has stainless steel tip for marking panel or frame.
Tip: Push fits into either side of nylon molding.

Installation: Female & Male Clips



GLUE

When fixed with adhesive (glue), use in accordance with manufacturer's instructions.



VL-SS3 STAINLESS STEEL SCREW

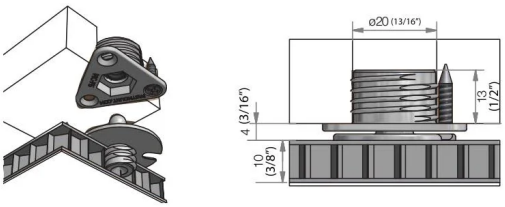
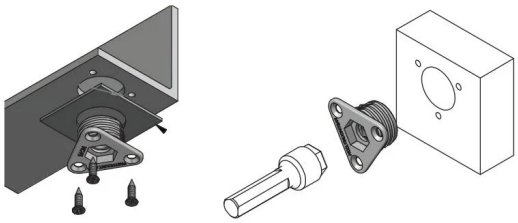
Custom type 303 stainless steel screw for fixing VL-M3 into panels down to 1/4" (5.5mm) thick.



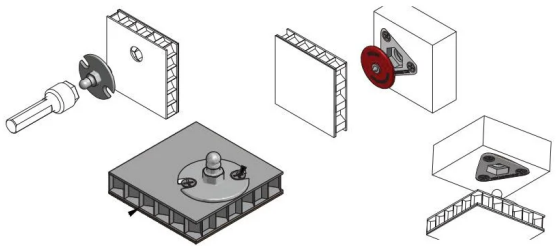
Metal Clip Range

For applications with heavy panels or requiring heat resistance. These patent pending metal based clips are specifically designed to withstand high temperatures and to provide acoustic and vibration isolation. The self-centering design allows for tolerance and panel flexing as well as the ability to be heavy load bearing.

Female Clips

Item No.	Diagram	Description
MC-F5 		**SELF TAPPING MAXI METAL** Affix with #6 screws. **Install with:** MC-IT5 **Compatible with Maxi Metal Male Clip:** MC-M5 **Pull out force:** 11 lbs (5kg) **Box:** 10 **Carton:** 100
MC-F10 		**SELF TAPPING MAXI METAL HEAVY DUTY** Affix with #6 screws. **Install with:** MC-IT5 **Compatible with Maxi Metal Male Clip:** MC-M5 **Pull out force:** 22 lbs (10kg) **Box:** 10 **Carton:** 100

Male Clips

Item No.	Diagram	Description
MC-M5 		**SELF TAPPING** Affix with #6 screws. **Mounts into:** 3/8" (10mm) hole **Fits into:** MC-F5, MC-F10 **Install with:** MC-IT5 **Pull Out Force:** 11 lbs (5kg) using with MC-F5 22 lbs (10kg) using with MC-F10 **Box:** 10 **Carton:** 100

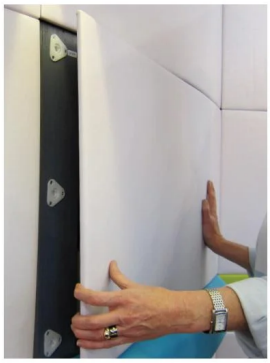
Accessories



MC-CP5 METAL CLIP CENTER POINT

Center point fits MC-F5 metal clip. Use to mark hole center in panel, for correct clip alignment. Has stainless steel tip for marking panel.





Installation Tools: Metal Clip Series



CT-09 PANEL DRILL 10MM FORSTNER TYPE

Use with Standard Profile, Low Profile and Maxi Metal Range. To drill blind holes in the back of panels.



MC-IT5 INSTALL TOOL FOR MC-F5 & MC-M5

For installation of self tapping male MC-M5 and female MC-F5 or MC-F10 into plywood or similar. Use battery drill with correct torque setting.



CT-05 PANEL REMOVAL TOOL

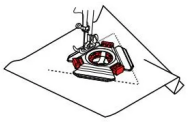
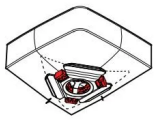
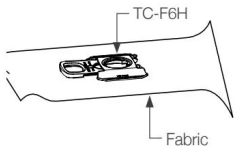
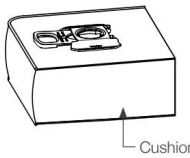
Stainless steel tool for removing covered (upholstered) panels. Do not use with painted panels.

SUGATSUNE

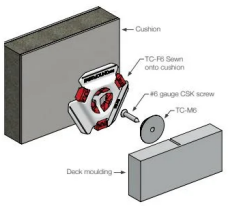
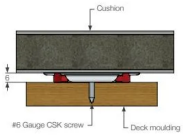
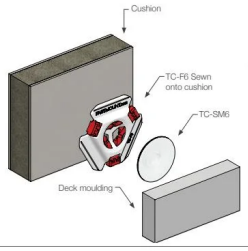
Textile Clip Range

The Textile Range has been specifically designed for the mounting of soft textiles to hard surfaces. The hidden system locks into place, and can only be removed by unlocking the clip, providing added security under high winds and seas. Makes cushions simple to install, remove and replace. Typical applications include sun loungers, exterior and interior cushions, seat bases and backs.

Female Clips

Item No.	Diagram	Description
TC-F6 	 	**TEXTILE FEMALE CLIP** Affix by sewing TC-F6 onto cushion with needle size 110/18 and V92 or T90 Bonded Outdoor Polyester Thread. **Compatible with Male Textile Clip:** TC-M6, TC-SM6 **Box:** 100 **Carton:** 500
TC-F6H 	 	**QUICK RELEASE TEXTILE FEMALE CLIP HEAVY DUTY** Affix by sewing TC-F6H onto cushion with needle size 110/18 and V92 or T90 Bonded Outdoor Polyester Thread. **Compatible with Male Textile Clip:** TC-M6, TC-SM6 **Box:** 100 **Carton:** 500

Male Clips

Item No.	Diagram	Description
TC-M6 	 	**TEXTILE MALE CLIP - SCREW-IN TYPE** Affix with #6 screw. **Compatible with Female Textile Clip:** TC-F6, TC-F6H **Break out load:** 22 lbs (10kg) **Box:** 100 **Carton:** 500
TC-SM6 		**TEXTILE MALE CLIP - SELF ADHESIVE TYPE** Affix with adhesive backing - clips supplied with VHB tape backing. **Compatible with Female Textile Clip:** TC-F6, TC-F6H **Break out load:** 22 lbs (10kg) **Box:** 100 **Carton:** 500

Accessories



TC-CP6H

Textile Range centerpoint with stainless steel tip to mark hole center in panel for correct clip alignment. See install guide.

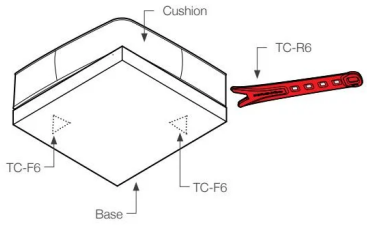


Removal Tool: Textile Clip Series



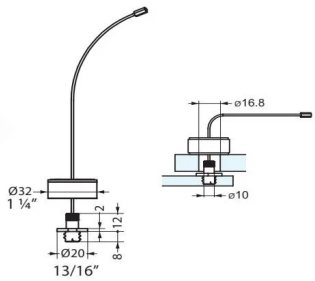
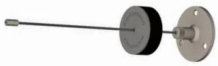
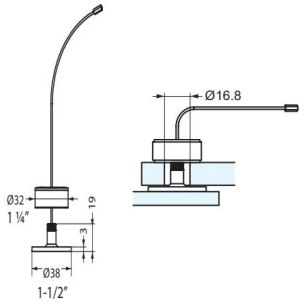
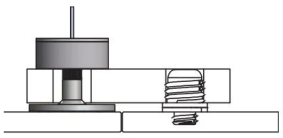
TC-R6

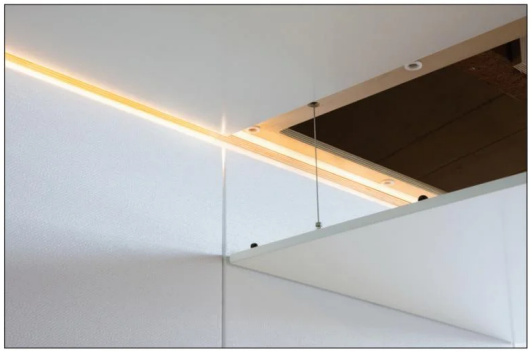
Plastic Removal tool for releasing multiple TC-F6 female clips.
Note: TC-F6H can be manually released by hand.

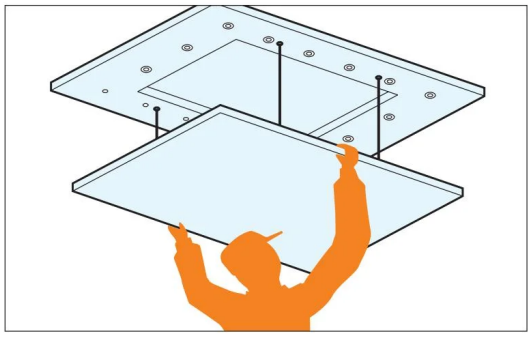


Panel Control

Use in conjunction with standard profile clips to provide additional security and control. Especially well suited for ceiling panels, exit corridors and heavy panels which must be accessed often.

Item No.	Dimensions	Diagram	Description
PS-150E 			**SELF TAPPING 150MM** **Install with:** CT-10 **Standard drop length:** 5 ⅞" (150mm) **Box:** 4 **Carton:** 40
PS-S150E 			**SURFACE MOUNT 150MM** Affix with #6 screw or adhesive. **Standard drop length:** 5 ⅞" (150mm) **Box:** 4 **Carton:** 40

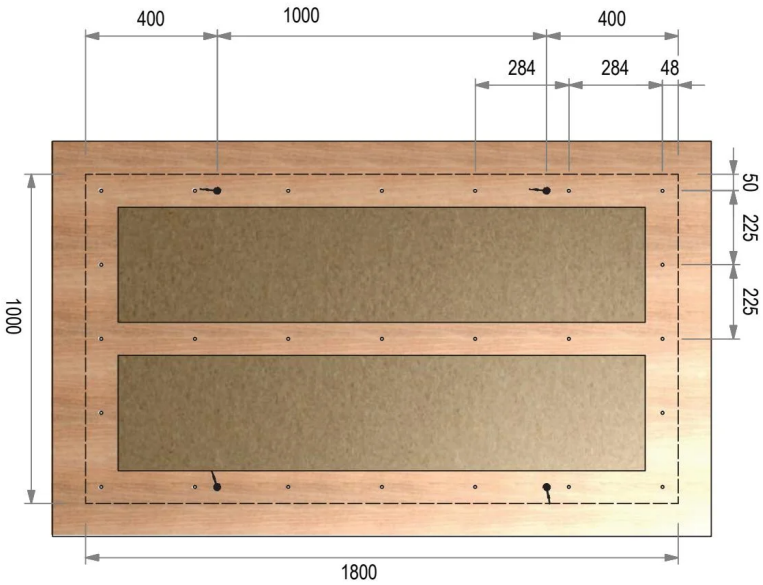








Sample Layout using Panel Control Hardware



Technical Notes

Pull-out force

The pull-out force will vary depending on the clip type and are specified on each product sheet. They are generally minimum 11 lb. (5kg) for typical standard range clips and 22 lb. (10kg) for heavy duty clips.

The shock load is less and can be as low as 4.4 lb (2kg), depending on the type of shock load. Clips never load simultaneously on a panel, so if a panel has 10 clips it does not mean the force required to remove the panel (or the force the panel will take) is 10x 11 lb. (5kg).

Clip spacing and panel loads

Panels need to be supported evenly around the perimeter to eliminate sagging. The clip spacing requirements will vary depending on the application.

Although many of the Fastmount® clip sets will hold more than your theoretical panel load, the reality of unknown conditions means panels and clips could be subjected to shock loads (g-forces) from seismic shocks.

Fastmount® with different materials

You can mount Fastmount® clips into or onto most panel products such as plywood, MDF, plastic, fiberglass, HPL, sandwich panels and composite panels. It is not recommended to use very heavy materials. The LP-DF8 coarse thread female clip is designed to work with drywall (sheetrock).

Drill setting and self tapping clips

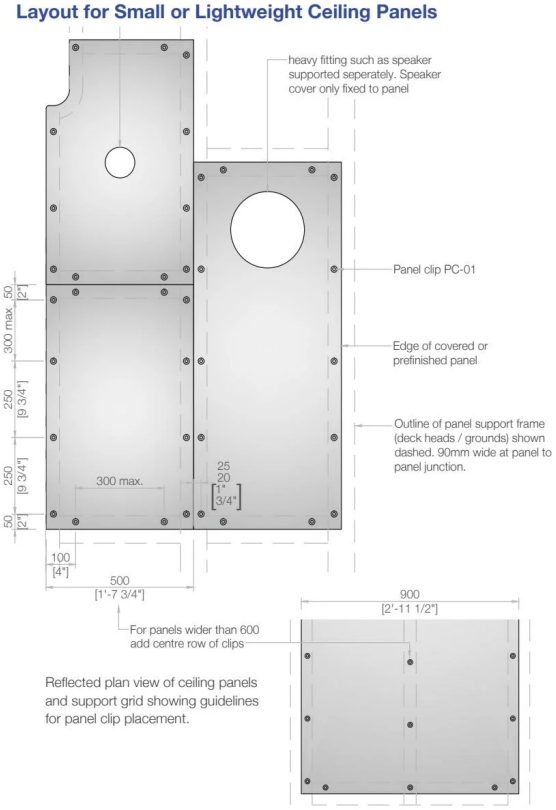
The clutch setting on battery drills when fitting clips varies from drill to drill. It will depend on the battery charge condition and on the material you are screwing into.

Once 2 or 3 test clips have been fitted, you will have a good feel for a setting that screws the clips home, but does not over tighten them. If the clips are breaking, the drill setting is too powerful. Some hard materials require a chamfer at the hole edge.

Adhesives for surface mount clips

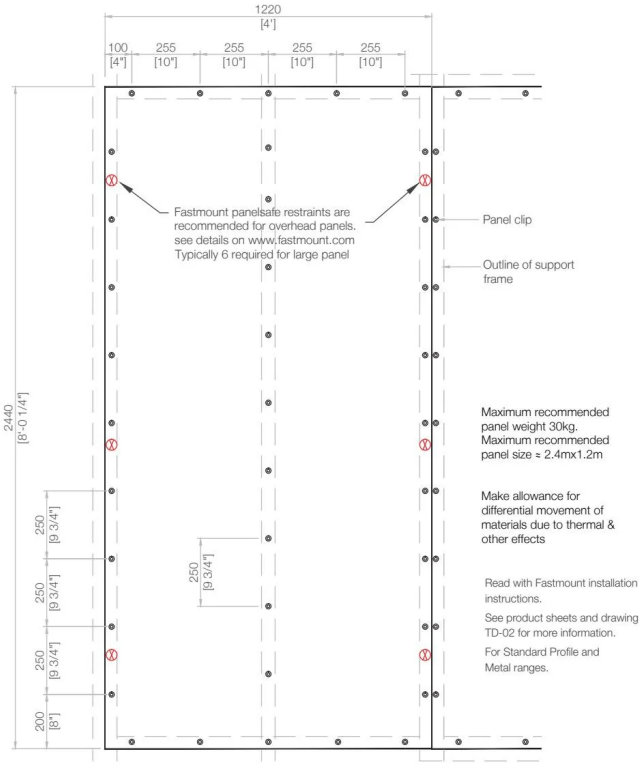
The patent pending super-groove design means the Fastmount® surface mount clips use a mechanical engagement to secure the clip, so adhesive selection is mostly dependent on panel material. We recommend two-part epoxies that are suitable for panel materials. A typical two-part epoxy will hold the clip at over three times the clipping load 66-88 lb (30-40kg) per clip.

Layout for Small or Lightweight Ceiling Panels

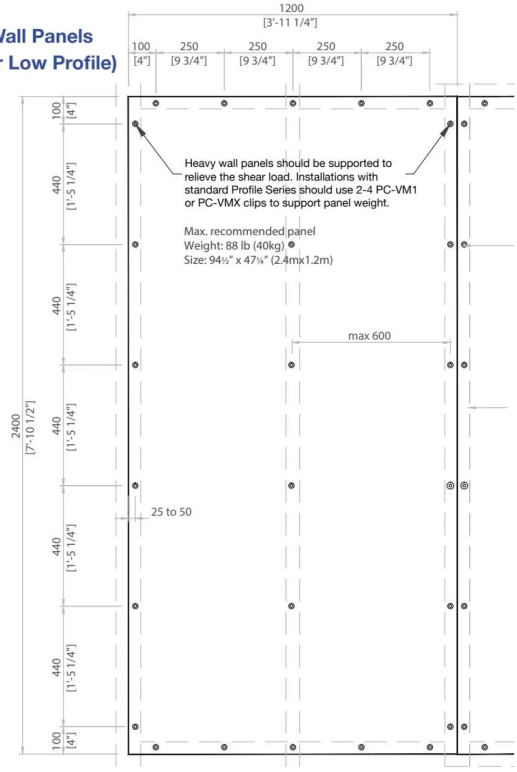


Reflected plan view of ceiling panels and support grid showing guidelines for panel clip placement.

Layout for Large or Heavy Ceiling Panels (Standard Profile or Metal)



Layout for Wall Panels (Standard or Low Profile)



Installation Tools

For installation quality and performance, the following tools are available for use.

CT-01



3/8" (10MM) DRILL CARBIDE TIPPED
For use with the Standard Profile and Low Profile ranges. For drilling through panel and creating pilot hole for CT-07.

CT-03



INSTALL TOOL FOR PC-F1A
For use with Standard Profile clip PC-F1A. Use to install self tapping female PC-F1A with battery drill on correct torque setting.

CT-05



PANEL REMOVAL TOOL
Stainless steel tool for removing upholstered panels. Not for use with painted panels.

CT-05H



PANEL REMOVAL TOOL WITH HOOK
Dual purpose reinforced stainless steel tool with fold down hook for use with lacquered and/or textured panels.

CT-07



STEP DRILL CARBIDE TIPPED
For use with Standard Profile clip PC-F1A. Tungsten tip drill with 16.8mm diameter for drilling 10mm hole in frame.

CT-09



3/8" (10MM) FORSTNER TYPE DRILL CARBIDE TIPPED
For use with Standard Profile, Low Profile and Metal ranges. For drilling blind holes into the back of panels.

CT-09DG



DRILL GAUGE FOR CT-09 DRILL BIT
For use with CT-09 Forstner drill bit. Designed for depth control when blind drilling for Standard and Low Profile range male clips. Incorporates a sealed roller bearing for smooth operation, and is easily adjustable with an Allen wrench. Made of machined aluminum housing with an anodized red finish. (CT-09 bit sold separately.)

CT-10



INSTALL TOOL SELF TAPPING MALE CLIPS (ALUMINIUM)
For use with Standard Profile, Low Profile and Panel Control range. Use to install self tapping male PC-M1B, PC-M2H, PC-VM1, PC-VMX, PS-150 and LP-M8 with battery drill on correct torque setting.

CT-12



1-1/4" (31MM) HSS COUNTERSINK DRILL BIT WITH 3/8" (10MM) SHANK
High speed steel (HSS) bit with 3/8" (10mm) shank used to countersink the edge of holes in hard materials. Designed for use with MDF, plywood, fiberglass, and plastics when preparing the material for self-tapping clips.

CT-13A



11/16" (16.8MM) ONE STEP DRILL CARBIDE TIPPED
For use with Standard Profile clip PC-F1A. Carbide tip drill with 16.8 diameter for drilling holes into fiberglass, carbon fiber and kevlar laminates.

CT-15



THREAD TAP FOR PC-F1A
For use with Standard Profile clip PC-F1A. Tap tool for tapping thread to fit PC-F1A into fibreglass, aluminium or similar. Either drill hole with CT-13A or drill out 10mm hole with CT-07 then tap with CT-15.

CT-18DG



DRILL GUIDE INSTALLATION JIG FOR PC-RF1
Adjustable drill guide for use with the Standard Profile Clip, PC-RF1.

CT-19



INSTALL TOOL LOW PROFILE RANGE (ALUMINIUM)
For use with Low Profile range. Aluminium install tool for female clips LP-F8 and LP-DF8 with battery drill on correct torque setting. Ideal for large quantity installations.

CT-22



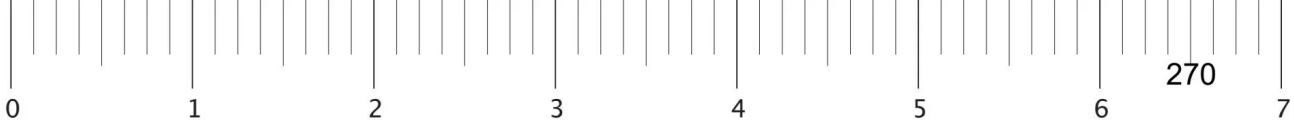
TAP FOR MALE CLIPS IN STANDARD AND LOW PROFILE RANGES
New product for tapping thread into hard materials for male clips, PC-M1B, PC-M2H, PC-VM1, PC-VMX, LP-M8A, MC-M5, PS-150, PS-150E (self tapping male end).

Inch to Metric Conversion table

		1"	2"	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
0/0	0.0	25.4	50.8	76.2	101.6	127.0	152.4	177.8	203.2	228.6	254.0	279.4	304.8
1/64	0.4	25.8	51.2	76.6	102.0	127.4	152.8	178.2	203.6	229.0	254.4	279.8	305.2
1/32	0.8	26.2	51.6	77.0	102.4	127.8	153.2	178.6	204.0	229.4	254.8	280.2	305.6
3/64	1.2	26.6	52.0	77.4	102.8	128.2	153.6	179.0	204.4	229.8	255.2	280.6	306.0
1/16	1.6	27.0	52.4	77.8	103.2	128.6	154.0	179.4	204.8	230.2	255.6	281.0	306.4
5/64	2.0	27.4	52.8	78.2	103.6	129.0	154.4	179.8	205.2	230.6	256.0	281.4	306.8
3/32	2.4	27.8	53.2	78.6	104.0	129.4	154.8	180.2	205.6	231.0	256.4	281.8	307.2
7/64	2.8	28.2	53.6	79.0	104.4	129.8	155.2	180.6	206.0	231.4	256.8	282.2	307.6
1/8	3.2	28.6	54.0	79.4	104.8	130.2	155.6	181.0	206.4	231.8	257.2	282.6	308.0
9/64	3.6	29.0	54.4	79.8	105.2	130.6	156.0	181.4	206.8	232.2	257.6	283.0	308.4
5/32	4.0	29.4	54.8	80.2	105.6	131.0	156.4	181.8	207.2	232.6	258.0	283.4	308.8
11/64	4.4	29.8	55.2	80.6	106.0	131.4	156.8	182.2	207.6	233.0	258.4	283.8	309.2
3/16	4.8	30.2	55.6	81.0	106.4	131.8	157.2	182.6	208.0	233.4	258.8	284.2	309.6
13/64	5.2	30.6	56.0	81.4	106.8	132.2	157.6	183.0	208.4	233.8	259.2	284.6	310.0
7/32	5.6	31.0	56.4	81.8	107.2	132.6	158.0	183.4	208.8	234.2	259.6	285.0	310.4
15/64	6.0	31.4	56.8	82.2	107.6	133.0	158.4	183.8	209.2	234.6	260.0	285.4	310.8
1/4	6.4	31.8	57.2	82.5	108.0	133.4	158.8	184.2	209.6	235.0	260.4	285.8	311.2
17/64	6.7	32.1	57.5	82.9	108.3	133.7	159.1	184.5	209.9	235.3	260.7	286.1	311.5
9/32	7.1	32.5	57.9	83.3	108.7	134.1	159.5	184.9	210.3	235.7	261.1	286.5	311.9
19/64	7.5	32.9	58.3	83.7	109.1	134.5	159.9	185.3	210.7	236.1	261.5	286.9	312.3
5/16	7.9	33.3	58.7	84.1	109.5	134.9	160.3	185.7	211.1	236.5	261.9	287.3	312.7
21/64	8.3	33.7	59.1	84.5	109.9	135.3	160.7	186.1	211.5	236.9	262.3	287.7	313.1
11/32	8.7	34.1	59.5	84.9	110.3	135.7	161.1	186.5	211.9	237.3	262.7	288.1	313.5
23/64	9.1	34.5	59.9	85.3	110.7	136.1	161.5	186.9	212.3	237.7	263.1	288.5	313.9
3/8	9.5	34.9	60.3	85.7	111.1	136.5	161.9	187.3	212.7	238.1	263.5	288.9	314.3
25/64	9.9	35.3	60.7	86.1	111.5	136.9	162.3	187.7	213.1	238.5	263.9	289.3	314.7
13/32	10.3	35.7	61.1	86.5	111.9	137.3	162.7	188.1	213.5	238.9	264.3	289.7	315.1
27/64	10.7	36.1	61.5	86.9	112.3	137.7	163.1	188.5	213.9	239.3	264.7	290.1	315.5
7/16	11.1	36.5	61.9	87.3	112.7	138.1	163.5	188.9	214.3	239.7	265.1	290.5	315.9
29/64	11.5	36.9	62.3	87.7	113.1	138.5	163.9	189.3	214.7	240.1	265.5	290.9	316.3
15/32	11.9	37.3	62.7	88.1	113.5	138.9	164.3	189.7	215.1	240.5	265.9	291.3	316.7
31/64	12.3	37.7	63.1	88.5	113.9	139.3	164.7	190.1	215.5	240.9	266.3	291.7	317.1
1/2	12.7	38.1	63.5	88.9	114.3	139.7	165.1	190.5	215.9	241.3	266.7	292.1	317.5
33/64	13.1	38.5	63.9	89.3	114.7	140.1	165.5	190.9	216.3	241.7	267.1	292.5	317.9
17/32	13.5	38.9	64.3	89.7	115.1	140.5	165.9	191.3	216.7	242.1	267.5	292.9	318.3
35/64	13.9	39.3	64.7	90.1	115.5	140.9	166.3	191.7	217.1	242.5	267.9	293.3	318.7
9/16	14.3	39.7	65.1	90.5	115.9	141.3	166.7	192.1	217.5	242.9	268.3	293.7	319.1
37/64	14.7	40.1	65.5	90.9	116.3	141.7	167.1	192.5	217.9	243.3	268.7	294.1	319.5
19/32	15.1	40.5	65.9	91.3	116.7	142.1	167.5	192.9	218.3	243.7	269.1	294.5	319.9
39/64	15.5	40.9	66.3	91.7	117.1	142.5	167.9	193.3	218.7	244.1	269.5	294.9	320.3
5/8	15.9	41.3	66.7	92.1	117.5	142.9	168.3	193.7	219.1	244.5	269.9	295.3	320.7
41/64	16.3	41.7	67.1	92.5	117.9	143.3	168.7	194.1	219.5	244.9	270.3	295.7	321.1
21/32	16.7	42.1	67.5	92.9	118.3	143.7	169.1	194.5	219.9	245.3	270.7	296.1	321.5
43/64	17.1	42.5	67.9	93.3	118.7	144.1	169.5	194.9	220.3	245.7	271.1	296.5	321.9

Metric to Inch Conversion

mm	Inches
0.1	0.0039
0.2	0.0079
0.3	0.0118
0.4	0.0157
0.5	0.0197
0.6	0.0236
0.7	0.0276
0.8	0.0315
0.9	0.0354
1	0.0394
2	0.0787
3	0.1181
4	0.1575
5	0.1969
6	0.2362
7	0.2756
8	0.3150
9	0.3543
10	0.3937
11	0.4331
12	0.4724
13	0.5118
14	0.5512
15	0.5906
16	0.6299
17	0.6693
18	0.7087
19	0.7480
20	0.7874
21	0.8268
22	0.8661
23	0.9055
24	0.9449
25	0.9843
26	1.0236
27	1.0630
28	1.1024
29	1.1417
30	1.1811
31	1.2205
32	1.2598
33	1.2992
34	1.3386
35	1.3780



Inches

Measurement Conversions

LENGTH

cm	mm	inch	feet
1	10	0.394	0.0328
0.1	1	0.0394	0.00328
2.54	25.4	1	0.083
30.48	304.8	12	1

inch = mm ÷ 25.4
mm = inch x 25.4

WEIGHT

g	kg	oz	lb
1	0.001	0.0353	0.0022
1000	1	35.27	2.205
28.4	0.0284	1	0.0625
453.6	0.454	16	1

lb = kg x 2.205
kg = lb ÷ 2.205

FORCE

N	kgf	lbf
1	0.10197	0.225
9.807	1	2.205
4.448	0.454	1

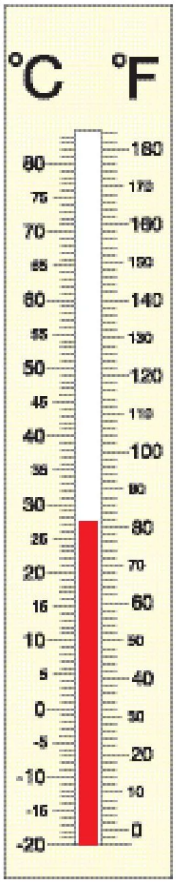
N = kgf x 9.807
= kgf x 2.205 k g f = N ÷

MOMENT

N • m	kgf • cm	lbs • in
1	10.197	8.85
0.0981	1	0.868
0.113	1.152	1

lbs • in = kgf • cm x 0.868 N • m = kgf • cm x 0.0981
kgf • cm = lbs • in ÷ 0.868 kgf • cm = N • m ÷ 0.0981

*All tools and figures are for reference only.

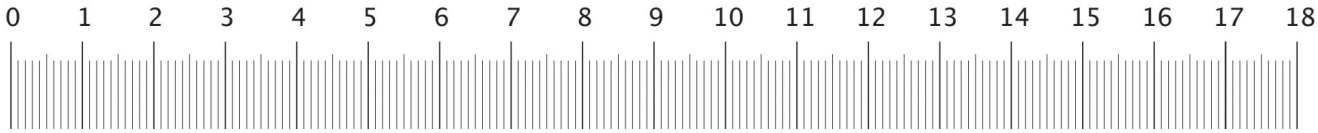


TEMPERATURE

°C	°F
0	32
-17.77	0

°C = (°F - 32) x 5 ÷ 9
°F = °C ÷ 5 x 9 + 32

Centimeters



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PANEL MOUNTING SYSTEMS



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SUGATSUNE
Inspire • Invent



INTERIOR HOOK COLLECTION

Stainless Steel

Choose from our selection of beautiful stainless steel hooks; with a wide variety of coat, latch, swing, wire, and specialty hooks we are sure we will have the hook you need. Ideal for outdoor application and exposure to the elements.

Please refer to our *General Catalog* for our complete selection.



COAT HOOKS



LATCH HOOKS



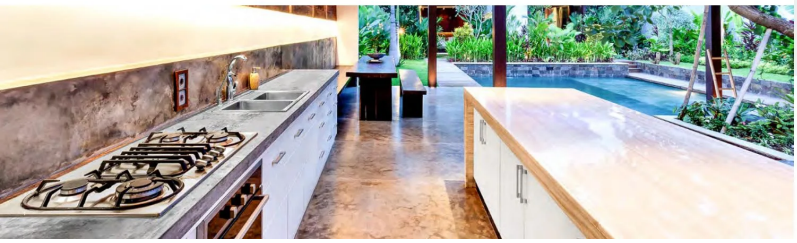
SWING HOOKS



WIRE HOOKS



SPECIALTY HOOKS





Undermount Hooks

Discrete, safe and durable. Our undermount hooks combine highly functional pieces with everything else you expect from a hook.



5HJU-80M
304 Stainless Steel
W61 x H69 x D69 (mm)



HK-CH35
Aluminum Alloy
W60 x H42.4 x D79 (mm)



HJ (20,30,50)
304 Stainless Steel
20 W28 x H27 x D17 (mm)
30 W32.5 x H33 x D17 (mm)
50 W43.5 x H47 x D22 (mm)



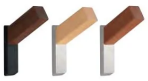
RF-50
304 Stainless Steel
W50 x H39 x R38 (mm)



UC (048,055)
304 Stainless Steel
048 W40 x H55 x D29.9 (mm)
055 W40 x H62 x D30.8 (mm)

Premium Materials

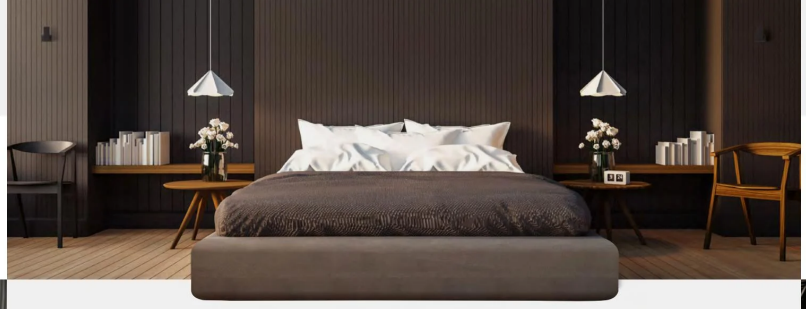
From the shine of the stainless steel to the warmth of leather, or the soft-touch of silicon; we're committed to the finest materials available with aesthetics and functionality in mind.



PREMIUM WOOD
PXB-WM-5-111
Base: Zinc Alloy, Steel
W22 x H96 x D64.5 (mm)



LEATHER CHIC
PXB-LE05-111
Silicone Rubber, Zinc Alloy
W45 x H45.5 x D66 (mm)



Select Metals

Unique look and style, with chrome and gold plating, matte black and stainless steel finishes; our metal hooks are sure to deliver elegance to any environment.



PXB-QL05-111
Zinc Alloy
W48 x H51 x D63 (mm)



HK-QC18 & HK-QC24
Zinc Alloy
18 W43.5 x H45.6 x D53.9 (mm)
24 W45 x H61.3 x D75 (mm)



Sleek Design

Classic look, aesthetics and functionality are achieved in the Urbanmetal and Nordic hooks. Design coupled with great materials bring luxury to any room.



URBANMETAL
PXB-UM05-101
Aluminum Alloy
W47 x H69.6 x D39 (mm)



URBANMETAL QUEST
PXB-UM05101-Q1
Aluminum Alloy, Brass
W47 x H69.6 x D39 (mm)



NORDIC RUBBER
PXB-GN05-101
Silicone Rubber, Zinc Alloy
W25 x H75 x D48 (mm)

Aged Metals

Our aged hooks hold a rustic style coupled with functionality. Great to compliment any room with a raw yet elegant element.



AGED CAST
PXB-AC05-111
Brass
W36 x H52.5 x D58 (mm)

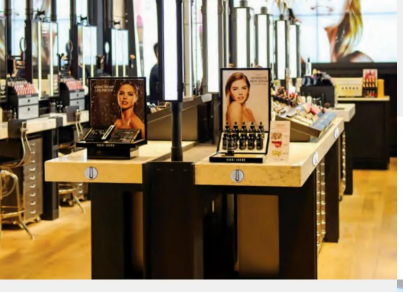


AGED BASE
PXB-AB05-101,111
Brass
101: W17 x H42 x D39 (mm)
111: W23.5 x H58 x D54 (mm)



AGED SCREW
PXB-AS05
Brass
W51 x H45.2 x D58.6 (mm)





Latch Hooks

Made from 316 stainless steel and with up to 132 lbs of load capacity, our latch hooks can withstand the elements while looking amazing.



EN-R80
316 Stainless Steel
W16 x H80 x D31.8 (mm)



EN-K (84-120)
316 Stainless Steel
84 W16 x H84 x D38 (mm)
120 W22 x H120 x D54 (mm)



EN-R100F
316 Stainless Steel
W20 x H100 x D60 (mm)



EN-R80-K
316 Stainless Steel
W21.5 x H89.7 x D40.5 (mm)

Recessed Hooks

With capacity of up to 44 lbs our recessed hooks are an ideal solution for safety, style and functionality.

Please refer to our *General Catalog* for our complete selection.



NF-R64
Zink Alloy
R64 x D17.5 (mm)



NF-60D
Aluminum
W24 x H60 x D24 (mm)



NF-47D
Polycarbonate
W23.9 x H54.4 x D17.4 (mm)



Colorful Environments

Our Gomu Ranger hooks are a beautiful and safe addition to your home environments.



GOMU RANGER
DOUBLE
PXB-GR05-211
Silicone Rubber,
304 Stainless Steel
W15 x H75.4 x D63.1 (mm)



GOMU RANGER
SINGLE
PXB-GR05-111
Silicone Rubber,
304 Stainless Steel
W15 x H45 x D50.5 (mm)



DESIGN WITHOUT COMPROMISE

ELABORATE DESIGN
0.2mm-round corners allow for an exquisite shape.

CONCEALED SCREW
Unnoticeable screws for clean designs.



CAREFULLY SOURCED MATERIALS
From the shine of the stainless steel to the warmth of leather, or the soft-touch of silicon; we're committed to the finest materials available.



HIGH LOAD CAPACITY
High-strength materials inside the hooks provide the high load capacity.

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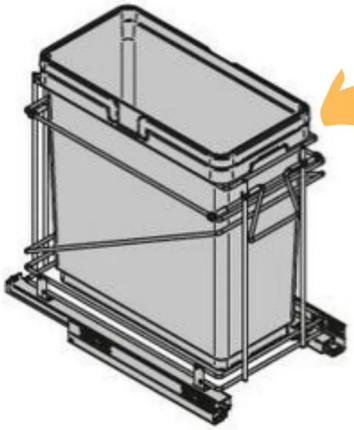
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MODERN. EUROPEAN DESIGN TRASH PULLOUTS!

Single 35 Qt. w/ Optional Door Bracket

Requires 12" wide opening



QPAMI2135CR

Bin have handles for easy removal!

Double 32 Qt. w/ Optional Door Bracket

Requires 15" wide opening



QPAMI5228CR

Bins have handles for easy removal!

- Bottom mount or side mount.
- Full extension (500 mm).
- Soft close.
- Easy installation with only 4 screws.
- Door mount brackets and clip on handle included in the kit.

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SALICE

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Face Frame Soft Close Hinges

STOCK FACE FRAME SOFT CLOSE HINGE PART NUMBERS

1-1/4" Overlay

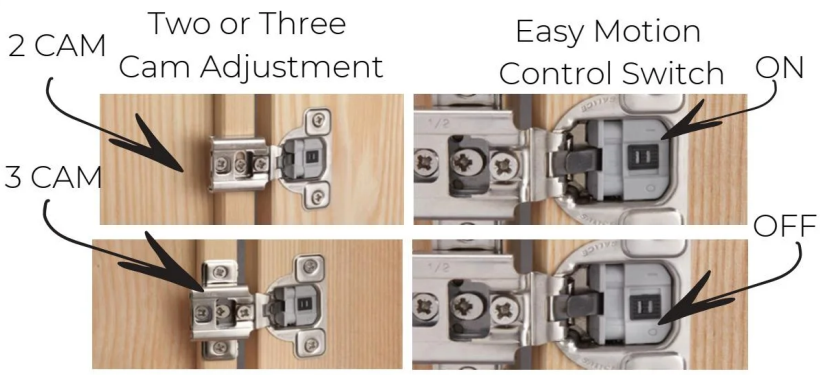
- CUP3AD9 - 2 CAM - WOOD SCREW
- CUP3AD9R - 3 CAM - WOOD SCREW
- CUR3AD9 - 2 CAM - DOWEL
- CUR3AD9R - 3 CAM - DOWEL

3/4" Overlay

- CUP34D9 - 2 CAM - WOOD SCREW
- CUP34D9R - 3 CAM - WOOD SCREW
- CUR34D9 - 2 CAM - DOWEL
- CUR34D9R - 3 CAM - DOWEL

1/2" Overlay

- CUP37D9 - 2 CAM - WOOD SCREW
- CUP37D9R - 3 CAM - WOOD SCREW
- CUR37D9 - 2 CAM - DOWEL
- CUR37D9R - 3 CAM - DOWEL



Easy Adjustments

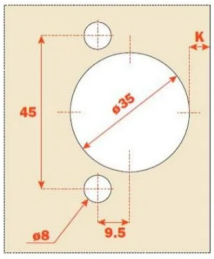


Middle Screw +/- 1.85 mm	+2.5 mm - 1.8 mm	+2.5 mm - 0.5 mm

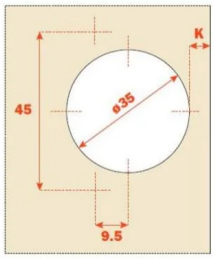
All overlays are calculated with a K = 2.5 mm.
All Silentia face frame hinges have an variable drilling distance (K) of 2.5 mm - 6.0 mm.

Boring Pattern
Boring distance from the edge of the door:

Press-in



Screw-in.



- LIFETIME WARRANTY
- 11MM CUP DEPTH TO ACCOMMODATE DEEP EDGE PROFILES

ALL STOCK FACE FRAME SOFT CLOSE HINGES FEATURE 106 DEGREE OPENING

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SALICE

IN STOCK SALICE GUIDE

Face Frame Self Close Hinges

STOCK FACE FRAME SELF CLOSE HINGE PART NUMBERS

1-1/4" Overlay

- CSR3A99N - 2 CAM - DOWEL

3/4" Overlay

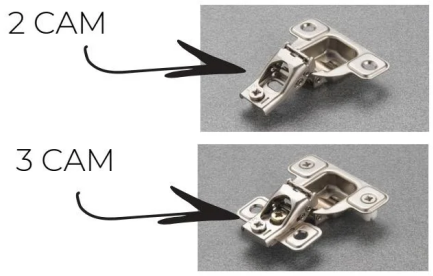
- CSP3499 - 2 CAM - WOOD SCREW
- CSP3499XR - 3 CAM - WOOD SCREW
- CSR3499 - 2 CAM - DOWEL
- CSR3499XR - 3 CAM - DOWEL

1/2" Overlay

- CSP3799 - 2 CAM - WOOD SCREW
- CSP3799XR - 3 CAM - WOOD SCREW
- CSR3799 - 2 CAM - DOWEL
- CSR3799XR - 3 CAM - DOWEL

- LIFETIME WARRANTY
- 11MM CUP DEPTH TO ACCOMMODATE DEEP EDGE PROFILES

Two or Three Cam Adjustment



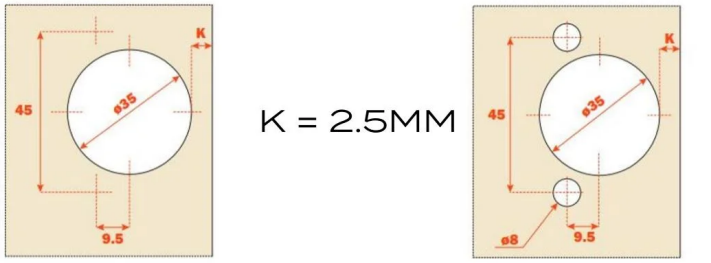
Easy Adjustments



Middle Screw +/- 2 mm

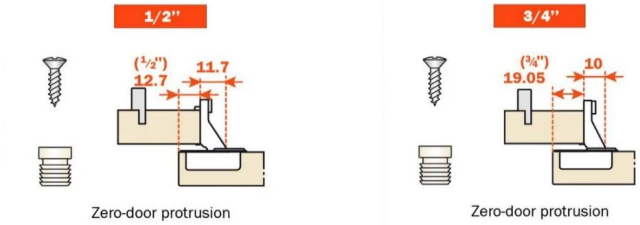
+2.8 mm - 1.5 mm

+2.5 mm - 0.5 mm



Screw-in.
Tornillo para madera.

Press-in - Rapido - Logica
Taco - Rápido - Logica



Zero-door protrusion

Zero-door protrusion

ALL STOCK FACE FRAME SELF CLOSE HINGES FEATURE 106 DEGREE OPENING

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SALICE

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European Hinge Overlay Chart
Face Frame Cabinet Application
110 Degree Opening



★ = Preferred Choice

1. FIND YOUR DESIRED OVERLAY IN THE CHART BELOW [1-1/4" | 3/4" | 9/16" | 1/2" | 3/8" | 1/4" | INSET]
2. SELECT A HINGE [SOFT CLOSE | SELF CLOSE WITH DOWELS | SELF CLOSE WITHOUT DOWELS]
3. ORDER HINGE SELECTED & COORDINATING BASEPLATE SHOWN

	HINGE		
SOFT CLOSE DOWELS	C7R6AE9	C7R6DE9	C7R6GE9
SELF CLOSE DOWELS	C2R6A99	C2R6D99	C2R6G99
SELF CLOSE WOOD SCREW	C2P6A99	C2P6D99	C2P6G99
DESIRED OVERLAY WITH 4MM TAB DISTANCE	A	D	G
BASEPLATE BAU3R19 1mm Diecast Face Frame Base Blate	3/4" 19mm	1/2" 12.5mm	3/8" 10mm ★
BASEPLATE BAU3R49 4mm Diecast Face Frame Base Plate	9/16" 15mm	3/8" 10mm	1/4" 6mm
BASEPLATE BAL3R59 5mm Diecast Inset Face Frame Baseplate		INSET USE 3mm TAB	INSET ★
BASEPLATE BAM3R09 0mm Diecase Face Frame Baseplate	1-1/4" 32MM - USE 6mm TAB (K)		

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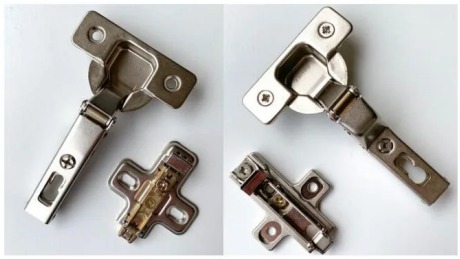
SALICE

IN STOCK SALICE GUIDE

European Hinge

Frameless Cabinet Application

110 and 120 Degree Hinge Opening



1. FIND YOUR DESIRED OVERLAY BELOW [FULL | 1/2" | HALF | INSET]
2. SELECT A HINGE [SOFT CLOSE | SELF CLOSE WITH DOWELS | SELF CLOSE WITHOUT DOWELS]
3. SELECT A BASEPLATE [DIECAST | STAMPED STEEL]

1 FULL OVERLAY

	WOOD SCREW SELF CLOSE	DOWEL SELF CLOSE	DOWEL SOFT CLOSE
A 2 — 110 DEGREE	C2P6A99	C2R6A99	C7R6AE9
A 2 — 120 DEGREE	C2P9A99	C2R9A99	

3 DIECAST BASEPLATE BAR3R09 STEEL BASEPLATE BAV3L09F

1 1/2" OVERLAY

	WOOD SCREW SELF CLOSE	DOWEL SELF CLOSE	DOWEL SOFT CLOSE
D 2 — 110 DEGREE	C2P6D99	C2R6D99	C7R6DE9
D 2 — 120 DEGREE	C2P9D99	C2R9D99	

3 DIECAST BASEPLATE BAR3R29

1 HALF OVERLAY

	WOOD SCREW SELF CLOSE	DOWEL SELF CLOSE	DOWEL SOFT CLOSE
G 2 — 110 DEGREE	C2P6G99	C2R6G99	C7R6GE9
G 2 — 120 DEGREE	C2P9G99	C2R9G99	

3 DIECAST BASEPLATE BAR3R09 STEEL BASEPLATE BAV3L09F

1 INSET

	WOOD SCREW SELF CLOSE	DOWEL SELF CLOSE	DOWEL SOFT CLOSE
P 2 — 110 DEGREE	C2P6P99	C2R6P99	C7R6PE9

3 DIECAST BASEPLATE BAR3R39

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European Hinge
Pie Corner and Thick Door Applications
Face Frame and Frameless Cabinets

PIE CORNER HINGE GUIDE

1 MAIN DOOR - FACE FRAME TO DOOR - 165 DEGREE OPENING

	DOWEL SELF CLOSE HINGE	+	DIECAST BASEPLATE
FRAMELESS - FULL OVERLAY	C2RFA99		BAR3R09
FRAMELESS - 1/2" OVERLAY	C2RFD99		BAR3R29
FRAMELESS - HALF OVERLAY	C2RFG99		BAR3R09
FRAMELESS - INSET	C2RFP99		BAR3R39

	DOWEL SELF CLOSE HINGE	+	DIECAST BASEPLATE
FACE FRAME - 1-1/4" OVERLAY	C2RFA99		BAM3R09
FACE FRAME - 3/4" OVERLAY	C2RFA99		BAU3R19
FACE FRAME - 1/2" OVERLAY	C2RFD99		BAU3R19
FACE FRAME - HALF OVERLAY	C2RFG99		BAU3R19
FACE FRAME - INSET	C2RFP99		BAL3R59

2 PIE CORNER - DOOR TO DOOR [FLIPPER DOOR] HINGE

WOOD SCREW SELF CLOSE HINGE	DOWEL SELF CLOSE HINGE
C2PYA99	C2RYA99

\+ DIECAST BASEPLATE
BAR3R09

THICK DOOR HINGE GUIDE

	WOOD SCREW SELF CLOSE HINGE	+	DIECAST BASEPLATE
FRAMELESS - FULL OVERLAY	CFA7A99		BAR3R09
FRAMELESS - HALF OVERLAY	CFA7G99		BAR3R09

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Hinge Accessories

Undermount Soft Close Drawer Slides

Undermount Soft Close Waste Recepticals

HINGE ACCESSORIES

SCREWS STANDARD BASEPLATE OR HINGE - WOOD SCREW #8 3/4 OR 5/8
#6 CAN ALSO BE USED 3/4 OR 5/8
FACE FRAME - 3 CAM HINGES #8 5/8 OR 3/4 TAPERED HEAD SCREW
FACE FRAM - 2 CAM HINGES #8 3/4 TRUSS HEAD SCREWS PART # VU74X194

REDUCTION CLIPS
FACE FRAME SOFT CLOSE PART # SUP337XG
FACE FRAME SELF CLOSE - 1/4" OR 3/4" OVERLAY PART # SSP337G
FACE FRAME SELF CLOSE - 1-1/8" OR 1-9/16" OVERLAY PART # SSP337AG
STANDARD A, G, D OR P HINGE STOCK - USE

HINGE CUP SPACERS
0.6 MM SPACER PART # S2XX86BT
1.2 MM SPACER PART # S2XX86AT
1.8 MM SPACER PART # S2XX86KT

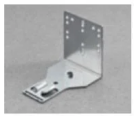
UNDER MOUNT SOFT CLOSE DRAWER SLIDES



12" - 305mm A7555/305 CP6
15" - 381mm A7555/381 CP6
18" - 457mm A7555/457 CP6
21" - 533mm A7555/533 CP6

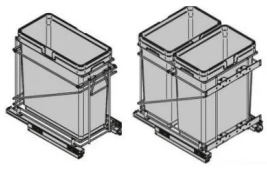


REQUIRED RIGHT & LEFT CLIP FOR UNDERMOUNT A750.010



OPTIONAL REAR METAL BRACKETS (for face frame application) AGSKXC5

UNDER MOUNT SOFT CLOSE TRASH PULL OUTS



Single 35 Qt. w/ Optional Door Bracket QPAM12135CR
Requires 12" wide opening

Double 32 Qt. w/ Optional Door Bracket QPAM15228CR
Requires 15" wide opening

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DIRECT SUPPLY INC

SALICE

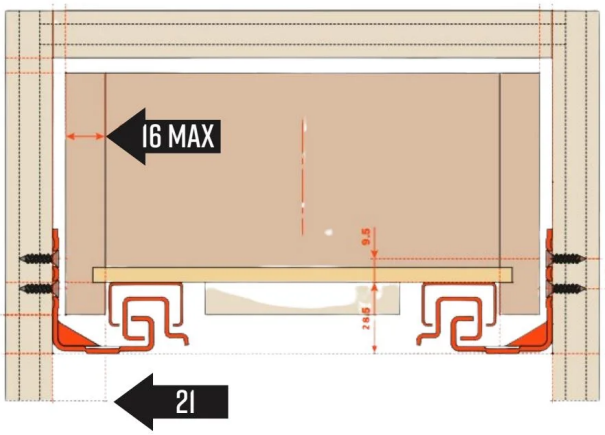
NEW!

HEAVY DUTY SLIDES

F70 Smove Full extension

170LBS LOAD CAPACITY

- Soft Close
- 170lbs load capacity
- 15" to 30" length
- Elongated hole for depth and height adjustment
- Adjustable clips
- Tool-free depth, height, & side adjustments





18" UNDERMOUNT SOFT CLOSE SLIDES

21" UNDERMOUNT SOFT CLOSE SLIDES

24" UNDERMOUNT SOFT CLOSE SLIDES

27" UNDERMOUNT SOFT CLOSE SLIDES

CLIPS

AFCGXX3B

Left & Right



AFCEX43B

Left & Right

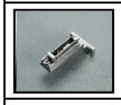


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Overlay: Frameless Cabinet: Using 4mm (5/32")TAB Distance (K)

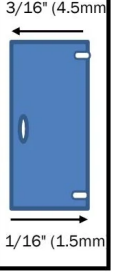
What is TAB (K) Distance? 	Hinge Overlay Choices				★ Indicates preferred choice
	Full Overlay Hinge	1/2" Overlay Hinge	Half (3/8") Overlay Hinge	Inset Hinge	
Mounting Plate Thickness Choices ↓	 "A"	 "D"	 "G"	 "P"	
 0mm	3/4" Overlay 19mm	9/16" Overlay 14mm	★ 3/8" Overlay 10mm		Desired Overlay
 2mm	11/16" Overlay 17mm	1/2" Overlay 12.5mm	★ 5/16" Overlay 4mm	Inset Door Plus Adjustment	
 3mm	5/8" Overlay 16mm	7/16" Overlay 11mm	★ 9/32" Overlay 7mm (Plus Adjustment)	★ Inset Door	
 6mm	★ 1/2" Overlay 12.5mm	5/16" Overlay 8mm	5/32" Overlay 4mm		
 9mm	3/8" Overlay 10mm	3/16" Overlay 5mm (Plus Adjustment)	Inset Door Plus Adjustment		
 12mm	1/4" Overlay 6mm	3/32" Overlay 2mm (Plus Adjustment)	Inset Door		
 18mm	Inset Door Plus Adjustment				

Overlay: Face Frame Cabinet, Euro Hinge & Mounting Plate: Using 4mm (5/32") TAB Distance (K)

1" = 25.4mm	Hinge Overlay Choices				★ Indicates preferred choice
	Full Overlay Hinge	1/2" Overlay Hinge	Half (3/8") Overlay Hinge	Inset Hinge	
Mounting Plate Thickness Choices ↓	 "A"	 "D"	 "G"	 "P"	
 1mm	3/4" Overlay 19mm	1/2" Overlay 12.5mm	★ 3/8" Overlay 10mm		Desired Overlay
 4mm	9/16" Overlay 15mm	3/8" Overlay 10mm	1/4" Overlay 6mm		
 BAL3R59		Inset Door (Use 3mm Tab)	★ Inset Door		
 BAM3R09	1 1/4" Overlay 32mm (Use 6mm Tab (K))				

Remaining Steps To Complete Hinge & Mounting Plate Selection

	Adjustment Range
1. Select the angle of opening of the hinge. 94 Degree ☐ 110 Degree ☐ 120 Degree ☐ 155 degree ☐ 165 Degree ☐	
2. Select the fixing method to attach the hinge to the door. Screw-on ☐ Press-in dowel ☐ Rapido ☐ Logica ☐	
3. Select hinge closing style. Self closing ☐ Soft Closing "Silentia" ☐ Self Opening "Push" ☐ Free swinging ☐	
4. Select mounting plate grade: Premium (2 cam adjustment) ☐ Economy (1 cam adjustment) ☐	
5. Select fixing method to attach the mounting plate to the cabinet. Wood screw ☐ Euro screw ☐ Expanding dowel ☐	
6. For "Silentia" hinges: Verify cup boring depth with customer: Series 100 = **12.5mm** ☐ Series 200 = **15.5mm** ☐ Series 700 = **13.5mm** ☐	
7, For "Push" hinges: Select a release device style: Mechanical release device ☐ Magnetic release device ☐	



Finding The Mounting Plate Thickness In The Part Number

BAR3R09 = 0mm thick	BAR3R39 = 3mm thick	BAR3R99 = 9mm thick	BAV3EV9F = 18mm thick	BAU3R49 = 4mm thick
BAR3R29 = 2mm thick	BAR3R69 = 6mm thick	BAR3RC9 = 12mm thick	BAU3R19 = 1mm thick	BAL3R59 = 5mm thick

Please refer to Salice catalog for additional details for special applications.



FULL EXTENSION RUNNER FOR 16 mm (5/8") MATERIAL.

SMOVE: SOFT CLOSING FULLY INTEGRATED INTO THE DRAWER RUNNER.

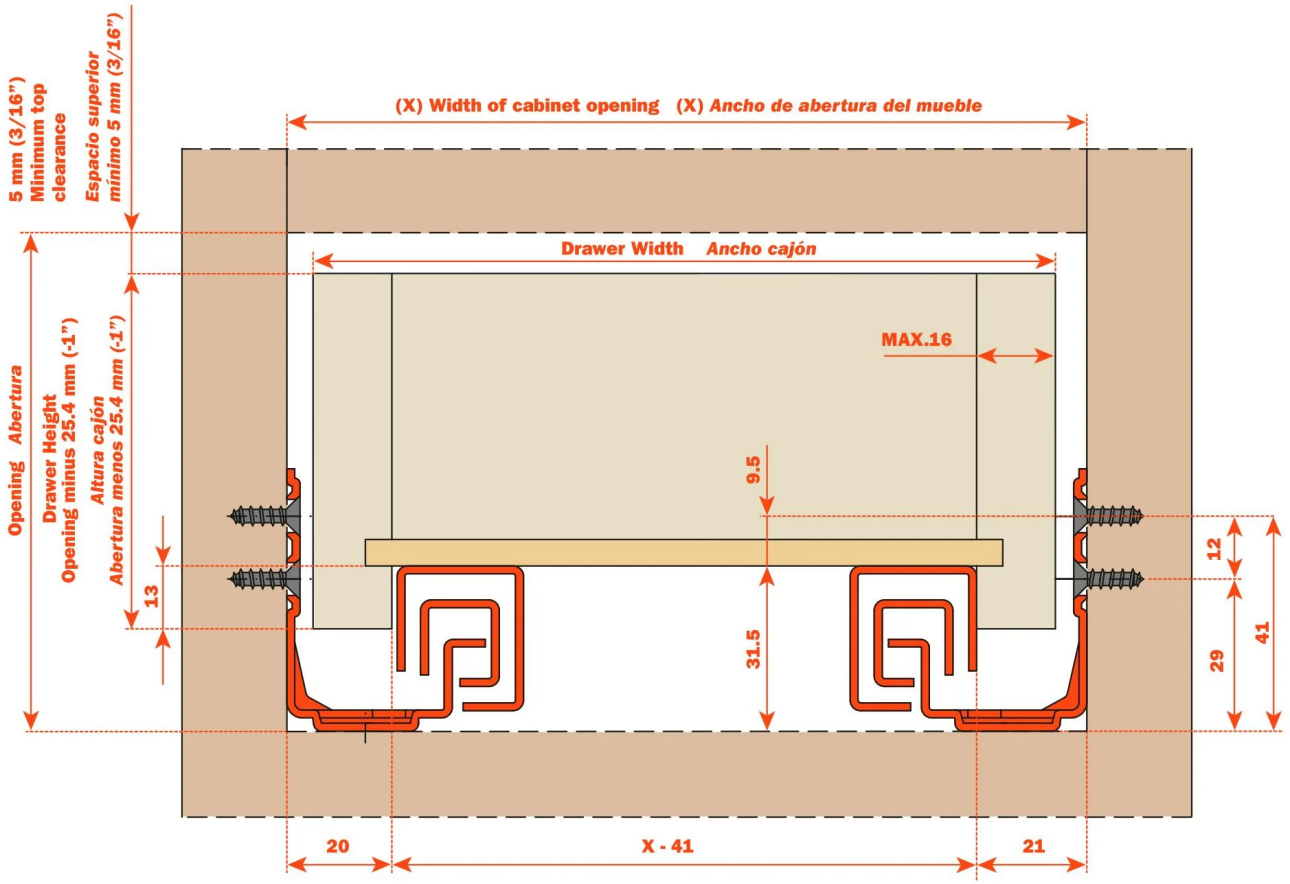
Product features: ANSI - Grade 1
- Load capacity: 100 lbs static/75 lbs dynamic.
- With Smove soft closing.
- Adjustable clips allow for easy drawer insertion and removal.
- Finish: bright zinc-plated.
- For 16 mm (5/8") max drawer material.

GUÍA DE EXTRACCIÓN TOTAL PARA MATERIAL DE 16 mm (5/8").

SMOVE: SISTEMA DECELERANTE, INTEGRADO EN LA GUÍA.

Características del producto: ANSI - Nivel 1
- *Capacidad de carga: 100 lbs estática/75 lbs dinámica.*
- *Dispositivo de cierre amortiguado Smove.*
- *Los clips regulables permiten montar y desmontar facilmente el cajón.*
- *Acabado: zincado plateado.*
- *Material cajón 16 mm (5/8") máx.*

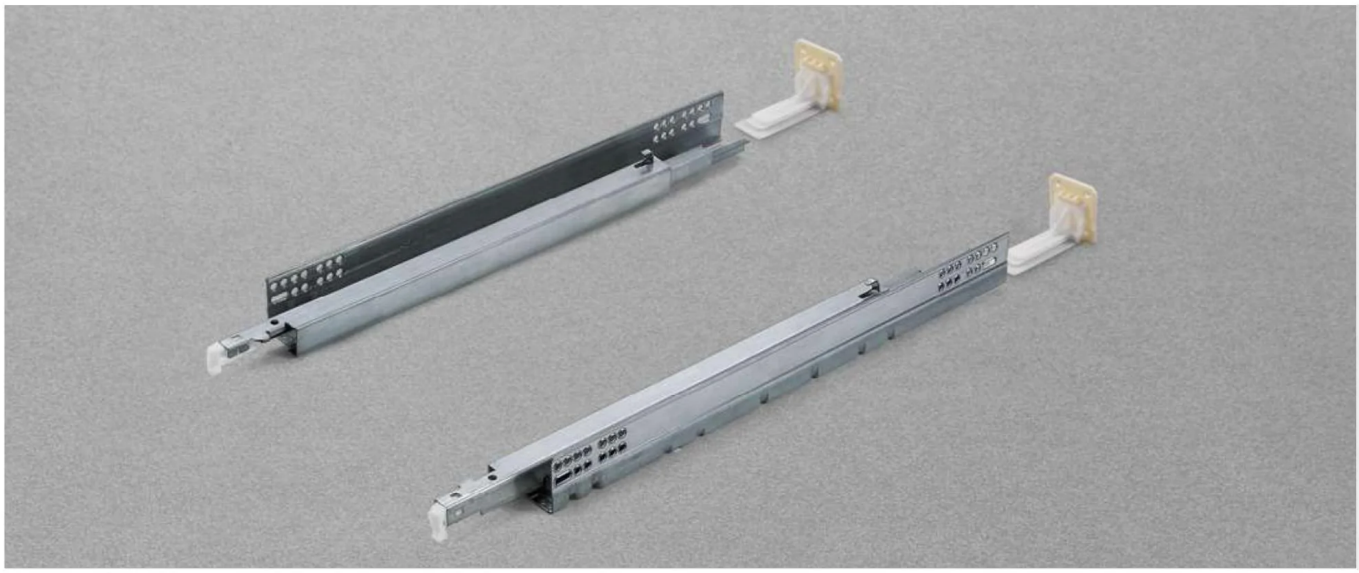
Dimensions
Medidas del espacio ocupado



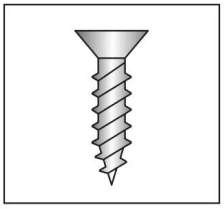
CALCULATION FORMULA FOR OUTSIDE DRAWER WIDTH
FÓRMULA DE CÁLCULO PARA ANCHO EXTERNO CAJÓN

For drawer side thickness of *Para espesor lateral del cajón de*	**16** mm (5/8")	**15** mm (19/32")	**14** mm (9/16")	**13** mm (1/2")	**12** mm (15/32")
Deduct from inside cabinet width *Deducir del ancho interno del mueble*	**9** mm (3/8")	**11** mm (7/16")	**13** mm (1/2")	**15** mm (5/8")	**17** mm (21/32")

Example: For a 15" inside cabinet width and a 5/8" thick drawer, subtract 3/8" from the inside width of 15" = 14-5/8" drawer width.
Ejemplo: Para un cajón con ancho interno de 15" y espesor de 5/8", quitar 3/8" del ancho interno de 15" = 14-5/8" ancho cajón.

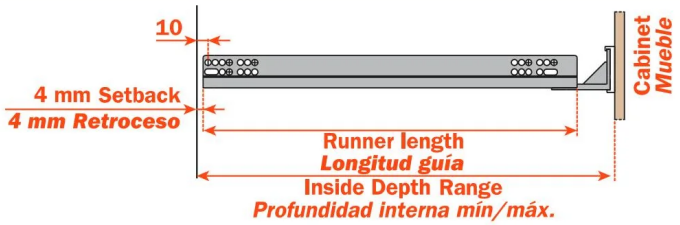


Part number
Codificación



To be screw fixed
Screw # 6 FH

De atornillar
Tornillo # 6 CP



All Futura Models - ***Todos los modelos Futura***

FUTURA Part Number *Código FUTURA*	DRAWER LENGTH (LC) *LONGITUD CAJÓN (LC)*	RUNNER LENGTH (LN) *LONGITUD GUÍA (LN)*	MINIMUM INSIDE CABINET DEPTH *PROFUNDIDAD INTERNA MÍNIMA MUEBLE* METAL SOCKET *ADAPTADOR METÁLICO*	MINIMUM INSIDE CABINET DEPTH *PROFUNDIDAD INTERNA MÍNIMA MUEBLE* PLASTIC SOCKET *ADAPTADOR PLÁSTICO*	MAXIMUM INSIDE CABINET DEPTH *PROFUNDIDAD INTERNA MÁXIMA MUEBLE* METAL/PLASTIC SOCKET *ADAPTADOR METÁLICO/PLÁSTICO*
A7555/229 CP6	229 mm (9”)	263 mm		266 mm (10-3/4”)	282 mm (11-11/32”)
A7555/305 CP6	305 mm (12”)	315 mm	326 mm (12-13/16”)	330 mm (13”)	365 mm (14-3/8”)
A7555/381 CP6	381 mm (15”)	391 mm	403 mm (15-7/8”)	407 mm (16”)	442 mm (17-7/16”)
A7555/457 CP6	457 mm (18”)	467 mm	479 mm (18-7/8”)	483 mm (19”)	518 mm (20-3/8”)
A7555/533 CP6	533 mm (21”)	543 mm	555 mm (21-7/8”)	559 mm (22-3/4”)	594 mm (23-3/8”)







CLIP PART NUMBER - *CÓDIGO CLIP*
A750.010 - 6 way adjustable clip - *Clip regulable 6 direcciones.*
A710.610 - Standard clip with vertical adjustment - *Clip estándar con regulación vertical*
A720.610 - Narrow drawer clip - *Clip cajón estrecho*

PACKAGING: 2 boxes = 100 pcs. (L)/100 pcs. (R) *EMPAQUE: 2 cajas = 100 piezas (Izq.)/100 piezas (Der.)*





PLASTIC SOCKET PART NUMBER - *CÓDIGO ADAPTADOR PLÁSTICO*
AS0755AJYD PLUG IN SOCKET - *ADAPTADOR DE CONECTAR*
AS0755AJND SCREW ON SOCKET - *ADAPTADOR DE ATORNILLAR*
AS0755NAND9 SCREW ON SOCKET FOR 9” RUNNER - *ADAPTADOR DE ATORNILLAR PARA GUÍA 9”*

PACKAGING: 1 box = 100 pcs. *EMPAQUE: 1 caja = 100 piezas*

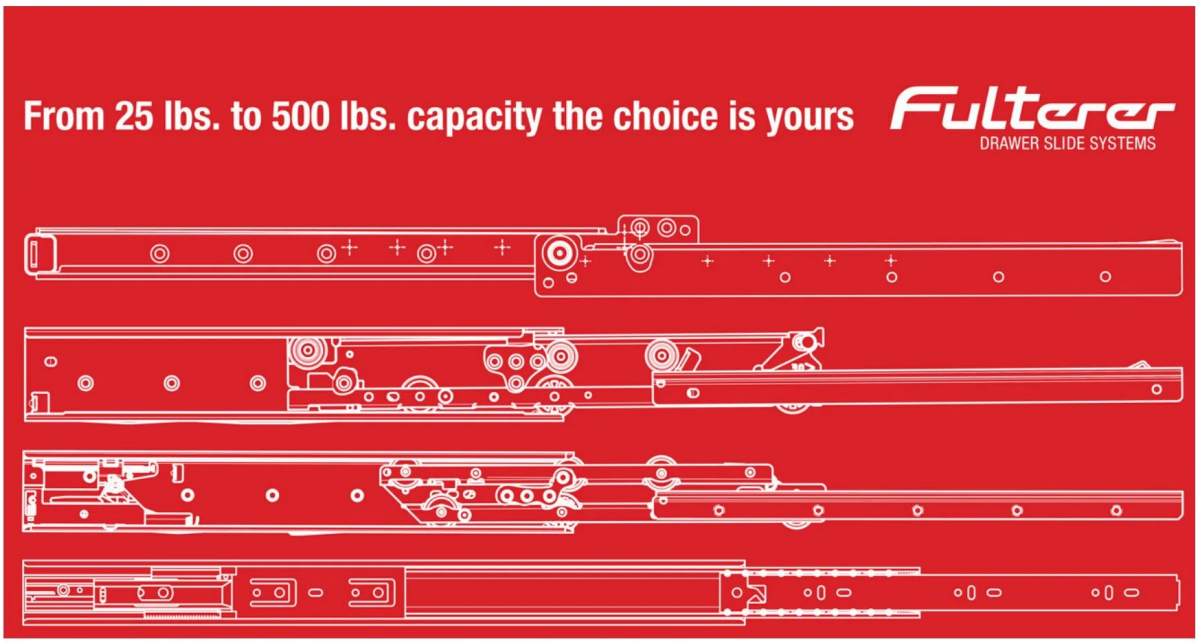



METAL SOCKET PART NUMBER - *CÓDIGO ADAPTADOR METÁLICO*
AGSKXC5 STANDARD STEEL SOCKET - *ADAPTADOR ESTÁNDAR DE ACERO*
AGSKXR5 NARROW STEEL SOCKET - *ADAPTADOR ESTRECHO DE ACERO*

PACKAGING: 1 box = 100 pcs. *EMPAQUE: 1 caja = 100 piezas*

Fulterer

STOCK SIDE MOUNT DRAWER SLIDE CATALOG



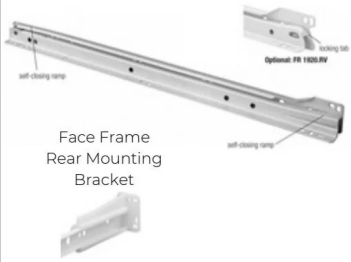
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Fulterer
STOCK CATALOG

FR1921 - Bottom Mount | 75lb Capacity
Regular Extension | White



- Economical slide with precision nylon rollers and smooth, epoxy coating
- Cabinet profile specially formed to prevent rollers from touching protruding screws
- Most suitable for furniture, RTA and kitchen cabinet applications
- The optional FR 1920.RV has a special locking feature in the front of the slide, drawer must be lifted upwards to be able to pull out the drawer, most suitable for recreational vehicles, mobile carts {non-stock}
- Rear mounting brackets also in stock for face frame applications

Stock Sizes - 18", 20", 22" & Brackets

FR5000 - Side Mount | 100 lb Capacity
Full Extension | Ball Bearing Slide



- Precision ball bearing drawer slide for medium-duty applications in office and residential furniture
- Drawer profile features an easy to operate disconnect finger release trigger system 32 compatible hole locations
- Drawer slide is non-handed, and has a hold-close detent
- Rear mounting brackets also in stock for face frame applications

Stock Sizes - 10", 12", 14", 16" 18", 20", 22"
24", 26", 28" & Metal Brackets

FR5001-ECD [Soft Close] - Side Mount | 100 lb Capacity
Full Extension | Ball Bearing Slide



- Precision ball bearing drawer slide for medium-duty applications in office and residential furniture
- Drawer profile features an easy to operate disconnect finger release trigger system 32 compatible hole locations
- Drawer slide is non-handed, and has a hold-close detent
- Rear mounting brackets also in stock for face frame applications

Stock Sizes - 12", 14", 16" 18", 20", 22"
24", 26", 28" & Metal Brackets

Additional lengths may be available for order.
Contact us for pricing and availability for special order slides

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Fulterer
STOCK CATALOG

FR5043 - Side Mount | 100 lb Capacity
Full Extension | Economy Ball Bearing Slide



- Precision ball bearing drawer slide for medium-duty applications in office and residential furniture
- Drawer profile features an easy to operate disconnect finger release trigger
- System 32 compatible hole locations
- Drawer slide is non-handed, and has a hold-close detent
- Rear mounting brackets also in stock for face frame applications

Stock Sizes - 22"

FR5210 - [Soft Close] - Side Mount | 200 lb Capacity
Full Extension | Heavy Duty Ball Bearing Slide



- Precision ball bearing drawer slide for heavy-duty applications in office furniture, architectural millwork and institutional applications
- Drawer profile features an easy to operate disconnect finger release trigger
- System 32 compatible hole locations
- Drawer slide is non-handed, and has a hold-close detent
- over-extension of 25mm (1 in.) is standard
- ECD Easy Close Device

Stock Sizes - 16", 18", 20" & 22"

FR5210 - Self Close - Side Mount | 200 lb Capacity
Full Extension | Heavy Duty Ball Bearing Slide



- Precision ball bearing drawerslide for heavy-duty applications in office furniture, architectural millwork and institutional applications
- Drawer profile features an easy to operate disconnect finger release trigger
- System 32 compatible hole locations
- Drawer slide is non-handed and has a hold-close detent
- Over-extension of 25mm (1 in.) is standard

Stock Sizes - 20", 22"

Additional lengths may be available for order.
Contact us for pricing and availability for special order slides

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Fulterer
STOCK CATALOG

FR5400 - Side Mount | 450 lb Capacity
Full Extension | Heavy Duty Ball Bearing Slide



- Stainless steel ball bearings
- Ball bearing drawer slide with the heaviest load capacity
- non-handed and non-disconnect
- flat mounting possible, weight rating reduced

Stock Sizes - 26"

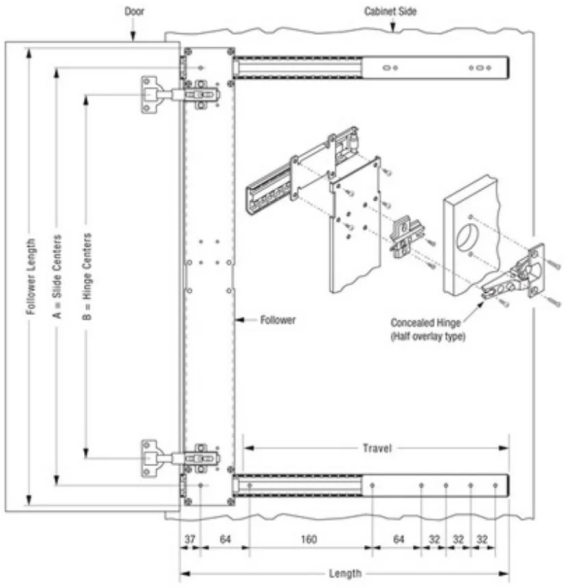
FR5400L - Locking - Side Mount | 450 lb Capacity
Full Extension | Heavy Duty Ball Bearing Slide



- Stainless steel ball bearings
- non-disconnect
- non-detachable
- lock in lock out mechanism
- ball bearing drawer slide with very high load capacity

Stock Sizes - 26"

FR5735 - Pocket Door Ball Bearing Slide System
(Inset Door Use ONLY)



- A very smooth running slide system with 6 ball bearings per inch length of the retainer.
- Follower is made of 2 mm thick steel and is very rigid without deflection
- We recommend 3 slides for extra heavy doors and above 32 in. in height
- As an option a wooden follower can also be used

WHAT YOU'LL NEED TO INSTALL / DOOR:

- 1 pair of slides
- 1 follower strip
- 1 door guide roller
- Use with Salice Hinge and Baseplate: C2R6G99 and BAR3R29

Stock Slide Sizes - 18", 20" & 24"
Stock Follower Strip Sizes - 20", 26", 32" & 38"

Additional lengths may be available for order.
Contact us for pricing and availability for special order slides

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A&M HARDWARE, INC.

STANDARD BRACKETS

Standard Workstation and Countertop Brackets



- 1- 1/2" forms with multiple 1/4" mounting holes per side (mounting hardware not included)
- Made of 1/8' steel
- The 10 larger sizes have a 3" x 3" 45 degree notch that allows for wall cleat and wire run clearance
- Very strong: load limit range of 1420 lbs to 2920 lbs per pair
- Reversible design makes brackets versatile & easy to use
- Available in Almond, Black, Brown, Grey, Primed and White.
- SOLD PER PAIR - Packaged in equal quantities of lefts and rights

Stocked Sizes - Sold Per Pair (1 left | 1 right)

*5" x 8"	*18" x 18"
*8" x 12"	*18"x 24"
*12" x 12"	*21" x 21"
*12" x 18"	*24" x 24"
*15" x 15"	*24" x 29"
*15" x 21"	29" x 35"

*IN-STOCK BLACK & WHITE

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

A&M HARDWARE, INC.

STANDARD BRACKETS

ALUMINUM BRACKETS



- Brushed aluminum finish with a clear powder coat.
- 1061-H24 Aluminum
- 2 Gauge (.25" thickness)
- 1-½" forms with ¼" mounting holes
- Load limit range of 1200 lbs to 2200 lbs per pair

Available Sizes - Sold Per Pair (1 left | 1 right)

5" x 8"	12" x 18"	18" x 18"	24" x 24"
8" x 12"	15" x 15"	18"x 24"	24" x 29"
12" x 12"	15" x 21"	21" x 21"	29" x 35"

STAINLESS STEEL BRACKETS



- Brushed finish with a powder coat clear coat.
- 304 Stainless Steel
- 12 Gauge (.110 thickness
- 1-½" forms with ¼" mounting holes
- Load limit range of 1020 lbs to 1450 lbs per pair

Available Sizes - Sold Per Pair (1 left | 1 right)

8" x 12"	15" x 21"	18" x 24"
12" x 18"	18" x 18"	24" x 29"

*IN-STOCK BLACK & WHITE

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

A&M HARDWARE, INC.

CONCEALED BRACKETS

U.S. MADE CONCEALED BRACKETS



- Load limit range of 1,830 lbs. to 4,520 lbs. per pair
- Mounting hardware included (3/8" - 16 x 3" carriage bolt assemblies) · All welds on reverse for easy, clean install
- Available in Black powder coat only
- Recommend backing when used with metal studs

Available Sizes – Sold Per Pair (1 left | 1 right)

US C - 9" US C - 12" US C - 18" US C - 24"

STANDARD CONCEALED BRACKETS



- C and EC Brackets available in 2.0" or 1.0" versions
- Load limit range of 1800 lbs to 7960 lbs per pair
- Mounting hardware included (3/8"-16 X 3 bolt assemblies)
- All welds on reverse for easy, clean install
- Stocked in Black & White

Available Sizes – Sold Per Pair (1 left | 1 right)

C(1.0) - 9"
C(1.0) - 12"
C(1.0) - 15"
C(1.0) - 18"
*C(2.0) - 9"
*C(2.0) - 12"
*C(2.0) - 15"
*C(2.0) - 18"
*C(2.0) - 21"
*C(2.0) - 24"
C(2.0) - 30"

*IN-STOCK BLACK & WHITE

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

A&M HARDWARE, INC.

CONCEALED BRACKETS

EXTENDED CONCEALED BRACKETS



- C and EC Brackets available in 2.0" or 1.0" versions
- Load limit range of 1800 lbs to 7960 lbs per pair
- Upper extension (EC) provides superior strength
- Mounting hardware included (3/8"-16 X 3 bolt assemblies)
- All welds on reverse for easy, clean install
- Select Sizes Stocked in Black & White

Available Sizes – Sold Per Pair (1 left | 1 right)

EC(1.0) - 9"
EC(1.0) - 12"
EC(1.0) - 15"
EC(1.0) - 18"

EC(2.0) - 9"
EC(2.0) - 12"
* EC(2.0) - 15"
* EC(2.0) - 18"

EC(2.0) - 21"
EC(2.0) - 24"
EC(2.0) - 30"

FLAT EXTENDED CONCEALED BRACKETS



- Upper extension provides superior strength
- Load limit range of 1100 lbs. to 4900 lbs. per pair
- Mounting hardware included
- 3/8" -- 16 x 3 bolt assemblies for 2.0 Brackets
- ¼" – 16 x 3" bolt assemblies for 1.0 Brackets
- All welds on reverse for easy, clean install
- Half Inch horizontal support arm can be completely concealed
- Select Sizes Stocked in Black & White

Available Sizes – Sold Per Pair (1 left | 1 right)

ECFLAT(1.0) - 9"
ECFLAT(1.0) - 12"
ECFLAT(1.0) - 15"
ECFLAT(1.0) - 18"

ECFLAT(2.0) - 9"
ECFLAT(2.0) - 12"
ECFLAT(2.0) - 15"
*ECFLAT(2.0) - 18"

ECFLAT(2.0) - 21"
ECFLAT(2.0) - 24"
ECFLAT(2.0) -30"

* IN-STOCK BLACK & WHITE

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

A&M HARDWARE, INC.

CONCEALED / ADA BRACKETS

FLAT CONCEALED BRACKETS



- Load limit range of 1100 lbs. to 4900 lbs. per pair
- Mounting hardware included
- 3/8" -- 16 x 3 bolt assemblies for 2.0 Brackets
- ¼" – 16 x 3" bolt assemblies for 1.0 Brackets
- All welds on reverse for easy, clean install
- Half Inch horizontal support arm can be completely concealed
- Select Sizes Stocked in Black & White

Available Sizes – Sold Per Pair (1 left | 1 right)

CFLAT(1.0) - 9"
CFLAT(1.0) - 12"
CFLAT(1.0) - 15"
CFLAT(1.0) - 18"

*CFLAT(2.0) - 9"
*CFLAT(2.0) - 12"
*CFLAT(2.0) - 15"
*CFLAT(2.0) - 18"

*CFLAT(2.0) - 21"
*CFLAT(2.0) - 24"
CFLAT(2.0) -30"

ADA BRACKETS



ADA-23 W/ HOLES - Black only
ADA-23 W/O HOLES
ADA-21

- Available with a 21" or a 23" top
- Stocked in Black & White
- 12 Gauge Steel offers superior strength
- Optional mounting holes on sides of Black Brackets to install your finishing panel if desired
- ADA(21) accommodates 22" to 24" tops
- ADA(23) accomodates 24" to 26" tops
- Spring clips & screws provided for easy on/off skirt attachment
- No visible fasteners
- No tools required to remove & reinstall skirt
- Mounting holes provided for skirt if you do not wish to use spring clips
- 3x3 cut out for wall cleat & wire run clearance
- Packaged 2 per box

*IN-STOCK BLACK & WHITE

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

A&M HARDWARE, INC.

HYBRID BRACKETS

STANDARD HYBRID BRACKETS



- Hybrid brackets available in a 1.5" or a 1.0" version
- Multiple 1/4" mounting holes (hardware not included)
- 1/8" steel construction
- Very strong: load limit range of 400 lbs to 2200 lbs depending on version and support arm length
- Finishing caps provided
- Very versatile. Can be used as Standard Mount or Concealed Mount
- Select Sizes in Stock in Black & White

Available Sizes - Sold Per Pair (1 left | 1 right)

HYB(1.0) - 9"
HYB(1.0) - 12"
HYB(1.0) - 18"
HYB(1.0) - 24"

*HYB(1.5) - 9"
*HYB(1.5) - 12"
*HYB(1.5) - 15"
*HYB(1.5) - 18"
*HYB(1.5) - 21"
*HYB(1.5) - 24"

HEAVY DUTY HYBRID BRACKETS



*HDHYB- 18"
*HDHYB- 24"

- 18" Tall x 18" or 24" projection x 3" wide
- Load Limits: 1700 lbs per pair 18", 1350 lbs per pair 24"
- Recommend double studs for installation
- finishing caps provided
- Available in Black & White

*** IN-STOCK BLACK & WHITE**

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

A&M HARDWARE, INC.

FLOATING BRACKETS

FLOATING VANITY BRACKETS



- Available in White only
- 2" Tall x 28" Wide x ¼" Thick
- 18" Support Arm Projection
- 1100 lb Load limit
- blocking recommended across the back plate
- One bracket per box - Sold by the Each (not pair)

*FV-18"

HIDDEN SHELF BRACKETS



- Available in White
- 1.5" tall x 20" wide x .25" thick
- 450 lbs/pr 6", 400 lbs/pr 9" and 350 lbs/pr 12"
- Blocking across back plate recommended
- Brackets can be hidden in a boxed shelf
- One bracket per box - Sold by the Each (not pair)

HS-6" *HS-9" *HS-12"

FLOATING SHELF BRACKETS



FS-6" *FS-9" * FS-12"

- Available in white
- 1.75" tall x 1.5" wide x .25" thick
- 2000 lbs/pr 6", 1500 lbs/pr 9" and 1000 lbs/pr 12"
- Brackets must be mounted directly to the stud for maximum strength
- Brackets can be hidden in a boxed shelf
- Packaged 2 per box

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

A&M HARDWARE, INC.

ISLAND & STAIR TREAD BRACKETS

ISLAND / BAR BRACKETS



- Two part system for added strength
- One size mounting bracket with hardware included
- Three bar lengths available
- Bars are 1/2" thick steel and 2" wide
- Bars have multiple countersunk mounting holes for easy customization
- Load limit range of 350 lbs to 3250 lbs
- Ideal for island or bar applications

Available Sizes – Sold Per Piece
Black Only

ISLBRKT (vertical mounting bracket)
ISLBAR15 - 15" bar
ISLBAR34 - 34" bar
ISLBAR40 - 40" bar

STAIR TREAD BRACKET



- Black powder coated metal
- Heavy duty support for industrial style design treads
- Can be mounted either direction
- 10 inch by 2 inch support, 1/4" thick, 1/4" mounting holes

ST-10

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

A&M HARDWARE, INC.

NEW BRACKETS

SURFACE MOUNTED FLAT BRACKETS



- Load Limit per pair - 500-2000lbs
- A simple, strong and attractive alternative for floating shelves
- Black powder coated metal
- ½" thick material with ¼" mounting holes
- 4 sizes available: 6" 9" 12" and 15"
- Also available is Stainless steel and Aluminum, both brushed with clear finish

Available Sizes - Sold Per Pair (1 left | 1 right)

*SF6	SF6 SS	SF6 AL
SF9	SF9 SS	SF9 AL
*SF12	SF12 SS	SF12 AL
*SF15	SF15 SS	SF15 AL

CLEAT SUPPORT BRACKET



- Black powder coated metal
- Countertop support for side walls and along back edge
- Countertop attachment holes offset with wall holes at 8 inch intervals
- 1/4" thick, 1/4" mounting holes
- 3 sizes available, 28", 44", and 90"

Available Sizes - Sold Each

*CLT28	CLT44	CLT90

DIRECT SUPPLY INC
SURFACE MATERIALS \ CABINETRY \ HARDWARE

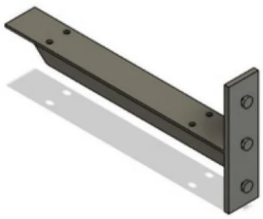
A&M HARDWARE, INC.

NEW BRACKETS

HEAVY DUTY ADJUSTABLE SUPPORT BRACKETS



- A simple, strong and adjustable support bracket
- Available in Black(909-58) or White(933-58)
- Specify Vertical Arm + Selected Horizontal Arm Length





Vertical Arm

- Available in Black(909-58) or White(933-58)
- Junction Blocks provided to us multiple Vertical Arms in succession
- Horizontal Arms can span 2 Vertical Arms for maximum adjustability
- Finishing Caps provided

Horizontal Arm

- Available in Black (909-58) or White (933-58)
- Available with a 12" or an 18" Arm
- 12" arm rated at 2400 lbs/pair
- 18" arm rated at 1900 lbs/pair

Available Sizes - Sold Per Pair (1 left | 1 right)

ADJVA - Vertical Arm
ADJHA12 - 12" Arm
ADJHA18 - 18" Arm

CABINETRY

Omega National
PRODUCTS

Wood Hoods, Components and Inserts

Omega National Products is North America's premier manufacturer and marketer of value-added wood cabinet accessories and RV specialty products

Wood Hoods and Ventilation







Maple, Cherry, Red Oak, Hickory and Alder Available!

Ready for your finish!



Cabinetry Inserts and Floating Shelves











Contact us for more info and pricing!

sales@directsupplyinc.com | 616-245-4415 or 800-878-8704 | fax: 616-245-1890

DIRECT SUPPLY INC

XTREME MATS

Protect your Cabinets & Prevent Damage!

Xtreme Mats protect against leaks, stains, chemical spills and much more. Holds up to 3 gallons of water in the event of a leak. Flexible and easy to install!



Available in Beige or Grey



IN STOCK KITCHEN SINK MATS

CM-30 | 28 1/4" W x 22 1/4" D x 1" T
CM-33 | 31 1/4" W x 22 1/4" D x 1" T
CM-36 | 34 1/4" W x 22 1/4" D x 1" T
CM-39 | 37 1/4" W x 22 1/4" D x 1" T



IN STOCK VANITY MATS

CMV-24 | 22 1/4" W x 19 1/4" D x 3/4" T
CMV-27 | 25 1/4" W x 19 1/4" D x 3/4" T
CMV-30 | 28 1/4" W x 19 1/4" D x 3/4" T
CMV-36 | 34 1/4" W x 19 1/4" D x 3/4" T

ACCESSORIES

WSO1 | Water Sensor for Under Sink

- Loud Alarm (95dB) will sound for 24 hours
- Activates with direct water contact
- Internal battery lasts for up to 3 years



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DIRECT SUPPLY INC

SURFACE MATERIALS \ CABINETRY \ HARDWARE

CABINETRY OVERVIEW

We offer design assistance, renderings, site measures, order double checks and job site delivery! Contact us for more information on partnering with us for your cabinetry needs.

SEMI-CUSTOM / MADE TO ORDER

EST. 1998
LEGACY CRAFTED CABINETS
hand crafted cabinetry
MADE IN PENNSYLVANIA

RiverRun™ CABINETRY

PRIMO CABINETRY
MADE IN USA

QUICK SHIP

WOLF CLASSIC™

BUILDERS MARK™
FROM WOLF HOME PRODUCTS®

WOLF SIGNATURE™
WITH SMARTSHIELD™ TECHNOLOGY

WOLF ENDURANCE™

WOLF ENDEAVOR™

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WOLF HOME PRODUCTS®

CABINETRY

WOLF CLASSIC™

CLASSIC QUALITY FOR EVERY VISION AND BUDGET.

With six popular door styles, carefully curated finishes and more, Wolf Classic™ makes it easy to find the right cabinetry for every project and stay within your budget. Enjoy extra design flexibility with our Personalized Solutions program — modify cabinets, add storage solutions and choose popular colors to make a customized design statement in your home.

All Wolf Classic cabinets are hand-crafted, combining generations of woodworking expertise with today's latest manufacturing technologies. Solid hardwood components and a state-of-the-art finishing system produce a consistently beautiful and long-lasting appearance. With Wolf Classic, you're assured of the ideal combination of quality and value.

- DARTMOUTH
- DARTMOUTH 5-PIECE
- BERWYN
- YORK
- HANOVER
- GRANTLEY

On cover:
GRANTLEY WHITE PAINT



DARTMOUTH MIDNIGHT PAINT



DARTMOUTH/DARTMOUTH 5-PIECE
BISCAYNE, PALMETTO & WHITE PAINT

WOLF CLASSIC™

FORM & **FUNCTION** MEET.

Classic style and practical storage make your dream a reality. Enjoy affordable, high-quality Wolf Classic cabinets with the peace of mind of our industry-leading 5-Year Warranty.

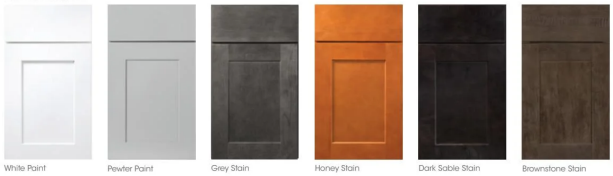
WOLF CLASSIC FEATURES

- ½" plywood sides
- Solid wood dovetail drawers
- ¾" adjustable plywood shelves
- Soft-close doors
- Soft-close drawers
- Special Order offering
- ADA-compliant cabinets
- Special Order truckload colors & construction

WOLF CLASSIC STYLES

INSIGHT SERIES

DARTMOUTH



White Paint | Pewter Paint | Grey Stain | Honey Stain | Dark Sable Stain | Brownstone Stain

INSIGHT SERIES

DARTMOUTH 5-PIECE



White Paint | Pewter Paint | Grey Stain

BERWYN



Opal Paint

INSIGHT SERIES

YORK



White Paint | Grey Stain

HANOVER



White Paint | Grey Stain

IMPACT SERIES

GRANTLEY



White Paint

WOLF CLASSIC™ COMPLEMENTS*

Kitchen or bath. Mud room or game room. Home library or studio. Personalize any space with nine complementary accent colors for base cabinets, islands, vanities and more. **See pages 32-33 to learn more.**



Palmetto | Seabreeze | Bayside | Seaport | Biscayne | Midnight | Stonybrook | Juniper | Laurel

**Not available with Berwyn door styles.*

GOOD LOOKS GO GREAT ANYWHERE.

A blank slate can be a wonderful thing. With our Dartmouth cabinets, you can give any space a clean, contemporary look. Modern Shaker-style doors make the perfect canvas for your hardware and accessory choices. Available in four different stains and two popular paints, Dartmouth cabinets are as adaptable as they are good-looking.



DARTMOUTH WHITE PAINT

DOOR STYLES


Honey Stain


Grey Stain


Dark Sable Stain


Brownstone Stain


Pewter Paint


White Paint

Also available in nine special order finishes.
See page 32 to learn more about
WOLF CLASSIC™ COMPLEMENTS



FEATURES

- Full overlay mortise and tenon door
- Maple door with recessed plywood veneer center panel (stains) or HDF door with recessed MDF center panel (paints)
- Maple drawer front (stains) or HDF drawer front (paints)
- ½" plywood sides, back, top and bottom
- ¾" all wood corner blocks
- ¾" bullnosed adjustable plywood shelves
- Solid wood dovetail drawer construction
- Full-extension undermount drawer glides with soft-close mechanism
- Hidden, six-way adjustable hinges with soft-close mechanism
- Hidden plywood hanging rails top and bottom


DARTMOUTH WHITE PAINT



DARTMOUTH
BROWNSTONE STAIN


DARTMOUTH MIDNIGHT PAINT

THAT LITTLE **SOMETHING EXTRA.**

The popular and contemporary Dartmouth style offers a little added flair with 5-piece drawer fronts. Available in Pewter and White Paint or Grey Stain, these doors and drawers are sure to bring class and distinction to any room in your home.



DARTMOUTH 5-PIECE WHITE PAINT



DARTMOUTH PEWTER PAINT



DARTMOUTH/DARTMOUTH 5-PIECE
LAUREL & WHITE PAINT



DARTMOUTH/DARTMOUTH 5-PIECE
PEWTER PAINT

DARTMOUTH 5-PIECE

DOOR STYLES



White Paint | Pewter Paint | Grey Stain

Also available in nine special order finishes.
See page 32 to learn more about **WOLF CLASSIC**™ COMPLEMENTS



FEATURES

- Full overlay mortise and tenon door
- Maple door with recessed plywood veneer center panel (stain) or HDF door with recessed MDF center panel (paints)
- Maple five-piece drawer front with recessed plywood veneer center panel (stain) or HDF five-piece drawer front with recessed MDF center panel (paints)
- ½" plywood sides, back, top and bottom
- ¾" all wood corner blocks
- ¾" bullnosed adjustable plywood shelves
- Solid wood dovetail drawer construction
- Full-extension undermount drawer glides with soft-close mechanism
- Hidden, six-way adjustable hinges with soft-close mechanism
- Hidden plywood hanging rails top and bottom

BERWYN

NEUTRAL TONE, **NATURAL STYLE.**

Berwyn combines tradition and elegance. This full overlay door is available exclusively in our Opal Paint, which combines the warmth of white with cool grey undertones.



BERWYN OPAL PAINT

DOOR STYLES

Opal Paint

FEATURES

- Full overlay mitered door
- Maple door with recessed MDF center panel
- Maple five-piece drawer front with recessed MDF center panel
- ½" plywood sides, back, top and bottom
- ¾" all wood corner blocks
- ¾" bullnosed adjustable plywood shelves
- Solid wood dovetail drawer construction
- Full-extension undermount drawer glides with soft-close mechanism
- Hidden, six-way adjustable hinges with soft-close mechanism
- Hidden plywood hanging rails top and bottom



BERWYN OPAL PAINT



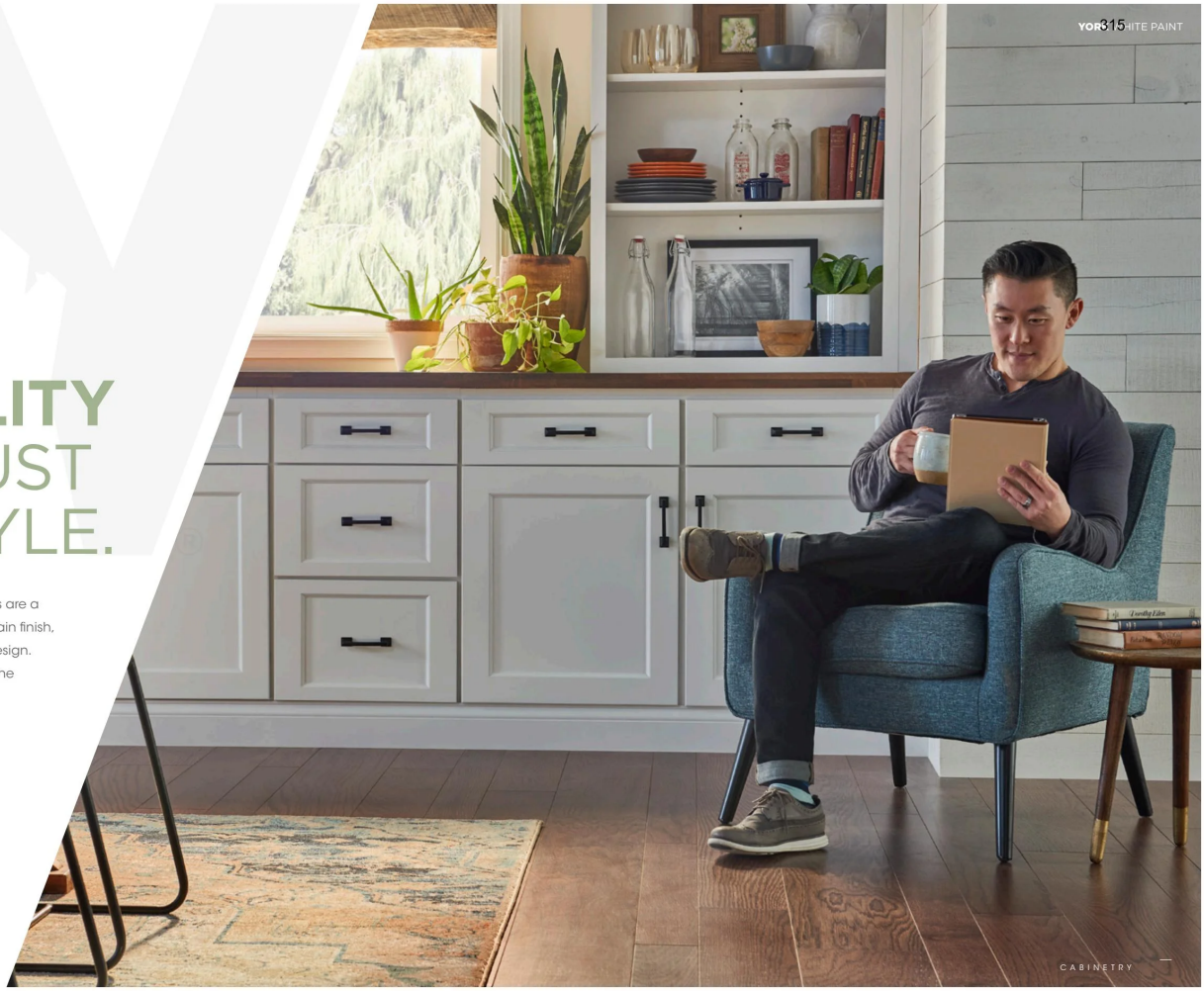
BERWYN OPAL PAINT



BERWYN OPAL PAINT

VERSATILITY THAT'S JUST YOUR STYLE.

With clean lines and a classic look, York cabinets are a homeowner's dream. Available in a paint and stain finish, York cabinets make the perfect match for any design. Versatile, yes, but with enough detail to elevate the style of your space.




YORK STONYBROOK PAINT


YORK WHITE PAINT


YORK BAYSIDE & WHITE PAINT

DOOR STYLES


White Paint


Grey Stain

Also available in nine special order finishes.
See page 32 to learn more about **WOLF CLASSIC**™ COMPLEMENTS



FEATURES

- Full overlay mortise and tenon door
- Maple door with recessed plywood veneer center panel (stain) or HDF door with recessed MDF center panel (paint)
- Maple five-piece drawer front with recessed plywood veneer center panel (stain) or HDF five-piece drawer front with recessed MDF center panel (paint)
- ½" plywood sides, back, top and bottom
- ¾" all wood corner blocks
- ¾" bullnosed adjustable plywood shelves
- Solid wood dovetail drawer construction
- Full-extension undermount drawer glides with soft-close mechanism
- Hidden, six-way adjustable hinges with soft-close mechanism
- Hidden plywood hanging rails top and bottom

HANOVER

VALUE THAT'S **RICH IN CHARACTER.**

Hanover is a refreshing style that will complement any design aesthetic. Available in our classic White Paint or popular Grey Stain, this transitional choice is simultaneously understated and loaded with character.



HANOVER

DOOR STYLES


White Paint


Grey Stain

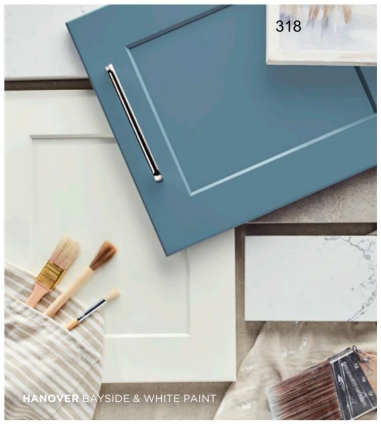
Also available in nine special order finishes.
See page 32 to learn more about **WOLF CLASSIC™** COMPLEMENTS



FEATURES

- Standard overlay mortise and tenon door
- Maple door with recessed plywood veneer center panel (stain) or HDF door with recessed MDF center panel (paint)
- Maple drawer front (stain) or HDF drawer front (paint)
- ½" plywood sides, back, top and bottom
- ¾" all wood corner blocks
- ¾" bullnosed adjustable plywood shelves
- Solid wood dovetail drawer construction
- Full-extension undermount drawer glides with soft-close mechanism
- Hidden, six-way adjustable hinges with soft-close mechanism
- Hidden plywood hanging rails top and bottom


HANOVER GREY STAIN


HANOVER BAYSIDE & WHITE PAINT


HANOVER WHITE PAINT

NEW STYLE, **GUARANTEED CLASSIC.**

A recessed panel door with a clean design that works with any style. The perfect backdrop to any aesthetic, Grantley is both neutral and versatile.



GRANTLEY WHITE PAINT







GRANTLEY

DOOR STYLES



White Paint

Also available in nine special order finishes.
See page 32 to learn more about **WOLF CLASSIC**™ COMPLEMENTS

FEATURES

- Standard overlay mortise and tenon door
- HDF door with recessed MDF center panel
- HDF slab drawer front
- ½" plywood sides, back, top and bottom
- ¾" all wood corner blocks
- ¾" bullnosed adjustable plywood shelves
- Solid wood dovetail drawer construction
- Full-extension undermount drawer glides with soft-close mechanism
- Concealed, six-way adjustable hinges with soft-close mechanism
- Plywood hanging rails top and bottom







PERSONALIZED SOLUTIONS. **THINKING OUTSIDE THE BOX.**

It's your space…your vision. Bring them together affordably with Personalized Solutions from Wolf Classic™ cabinets. Personalized Solutions lets you modify many of our popular Wolf Classic cabinets to fit your one-of-a-kind style.

With this program, Wolf Classic becomes a complete cabinetry solution – so not only can you make a customized design statement, but you'll also enjoy extra design flexibility, easily accommodate the character of your space and incorporate the latest trends in vibrant colors – all in a fraction of the time. Just think outside the box.

Personalized Solutions gives you more design flexibility with Wolf Classic cabinets so you can:

- **Modify cabinets** with more design options to meet the needs of your space and satisfy your unique style
- **Add storage solutions**, like pull-out organizers and tip-out trays, pre-installed, which ensures more precise and time-saving installation
- **Select trending colors** and color combinations through a wider variety of complementary paints, letting you add even more creative flair



DARTMOUTH/DARTMOUTH 5-PIECE
LAUREL, STONYBROOK & WHITE PAINT

MIXING. MATCHING. **EYE-CATCHING.**

Add your unique style to any space. Thanks to Wolf Classic Complements, you can personalize it with accent colors for base cabinets, islands, vanities and more. They're the perfect complement to our most popular Wolf Classic styles and colors and are a surefire way to draw plenty of compliments, too.



STORAGE SOLUTIONS.
A PLACE FOR EVERYTHING.

When designing Wolf Classic cabinets, we had both form and function in mind. From food storage to recycling, these simple solutions will make your space work hard for you.



Peg Organization System
DARTMOUTH WHITE PAINT



Cutlery Insert
HANOVER
WHITE PAINT



Food Storage Organizer
HANOVER GREY STAIN



Lazy Susan Upgrade
DARTMOUTH WHITE PAINT



Door Mounted
Cutting Board
DARTMOUTH 5-PIECE
STONYBROOK PAINT



Spice Drawer Insert
DARTMOUTH WHITE PAINT



Knife Block Insert
DARTMOUTH 5-PIECE STONYBROOK PAINT



Waste Container Storage
HANOVER GREY STAIN





Pull Out Organizer
BERWYN OPAL PAINT



Base Corner Lazy Susan
DARTMOUTH 5-PIECE PEWTER PAINT



Pull Out Shelves
DARTMOUTH WHITE PAINT



Sink Base Caddy
HANOVER GREY STAIN



Pot & Pan Organizer
DARTMOUTH WHITE PAINT



ALL ABOUT
THE WAY YOU LIVE.

There's something about Wolf Classic™ cabinets that has you written all over them. Stylish, for sure. Built with character. Adaptable to a tee. And appreciative of a solid value. Sound like someone you know? You'll find the exceptional beauty and handcrafted quality of Wolf Classic cabinets are a perfect match with the way you live.

DARTMOUTH WHITE PAINT



VERO

WOLF HOME PRODUCTS®

CABINETRY

BUILDERS MARK™

FROM WOLF HOME PRODUCTS®

THE BUDGET-FRIENDLY CHOICE
FOR SPACES BIG AND SMALL

True to its name, Builders Mark cabinets offer designers, contractors, and builders ample design opportunities at an extremely affordable price point. With the Vero series, this collection of three door styles offers you more options to give any size project some added style and increased durability.



SHEA



Pearl SmartShield



Cinder SmartShield



SLOANE



Mocha Stain

CABINET FEATURES

- Standard overlay
- Mortise and tenon, flat panel door
- ⅜" industrial-grade furniture board sides on base, wall and vanity cabinets, ½" sides on tall cabinets
- Solid hardwood face frame, pocket screw joinery construction
- ½" industrial-grade furniture board drawers
- ¾" extension side-mounted epoxy drawer guides or optional full-extension undermount drawer glides with soft-close mechanism
- Six-way adjustable, fully concealed hinges
- Durable finish resists scratches, dents and dings
- Easy-clean interior

SMARTSHIELD™ TECHNOLOGY

Cleanups are covered with SmartShield Technology. Our Shea door style features an ultra-durable finish that stands up to wear and tear, resists household stains and wipes clean every time. The beauty and consistency of SmartShield Technology gives you a clean, contemporary style with added durability.

STYLE
High fashion look with smooth, even color consistency and a quality finish that has a warm, sleek feel when compared to other similar products.

CONSISTENCY
360 degrees of crisp, consistent beauty with no wood grain issues or finish variations. You get a smooth, consistent finish every time.

DURABILITY
No roughness, peeling, cracking and open joints. The effects of light exposure and aging are minimal in comparison to wood products.

EASY TO CARE FOR
Resists moisture and common household stains. A breeze to clean and makes an excellent choice for homeowners with pets or young children



CABINET CONSTRUCTION



TRANSFORMING
HOMES FOR OVER
175
YEARS

Wolf Home Products® is an innovator in the building products industry. Transforming homes for more than 175 years, Wolf Home Products has been the preferred home building products brand by families across North America who value the importance of their home and time together to build lasting memories in the spaces they enjoy most. With a vast inventory of kitchen and bath, outdoor living and building products, Wolf Home Products delivers orders in a fraction of the time, ensuring unparalleled value when and where customers need it. Wolf stands behind its service, cultivated with years of business experience into a total satisfaction guarantee.

Find us on Instagram **@wolfhomeproducts** for inspiration on your next project!


Kitchen & Bath


Outdoor Living


Building Products

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All photos and colors are representative of product. Please review an actual product sample with your dealer before making your final selection. A contract is formed only after receipt of Wolf's written order confirmation. Information contained within is subject to change without notice. Not all products available in every market.

2-YEAR WARRANTY

QUALITY TESTED KCMA CERTIFIED CABINET

WBM_VERO_SS_0622_WHP



WOLF HOME PRODUCTS®

OUTDOOR
CABINETRY

WOLF ENDURANCE



TOUGH PERFORMANCE
THAT'S EASY ON YOU

Wolf Endurance is sturdy aluminum cabinetry for demanding areas, such as decks, patios, garages and mudrooms. The powder-coated finish and sealed storage will withstand the elements, even in coastal regions. Plus, Wolf Endurance is easy to configure, handle and install, and the price is easy on your wallet. So go ahead, make your great outdoors even greater with Wolf Endurance.

ALUMINUM CONSTRUCTION
Durable construction at a cost substantially less than stainless steel.

SEALED STORAGE
All doors and drawers are sealed with an EPDM D-Seal to insure a weather resistant interior.

EASY TO CONFIGURE & INSTALL
Virtually unlimited configurations with freestanding cabinets, hardscape inserts and wall hung cabinets provide homeowners the freedom to utilize Endurance cabinets in almost any setting, indoors or out.

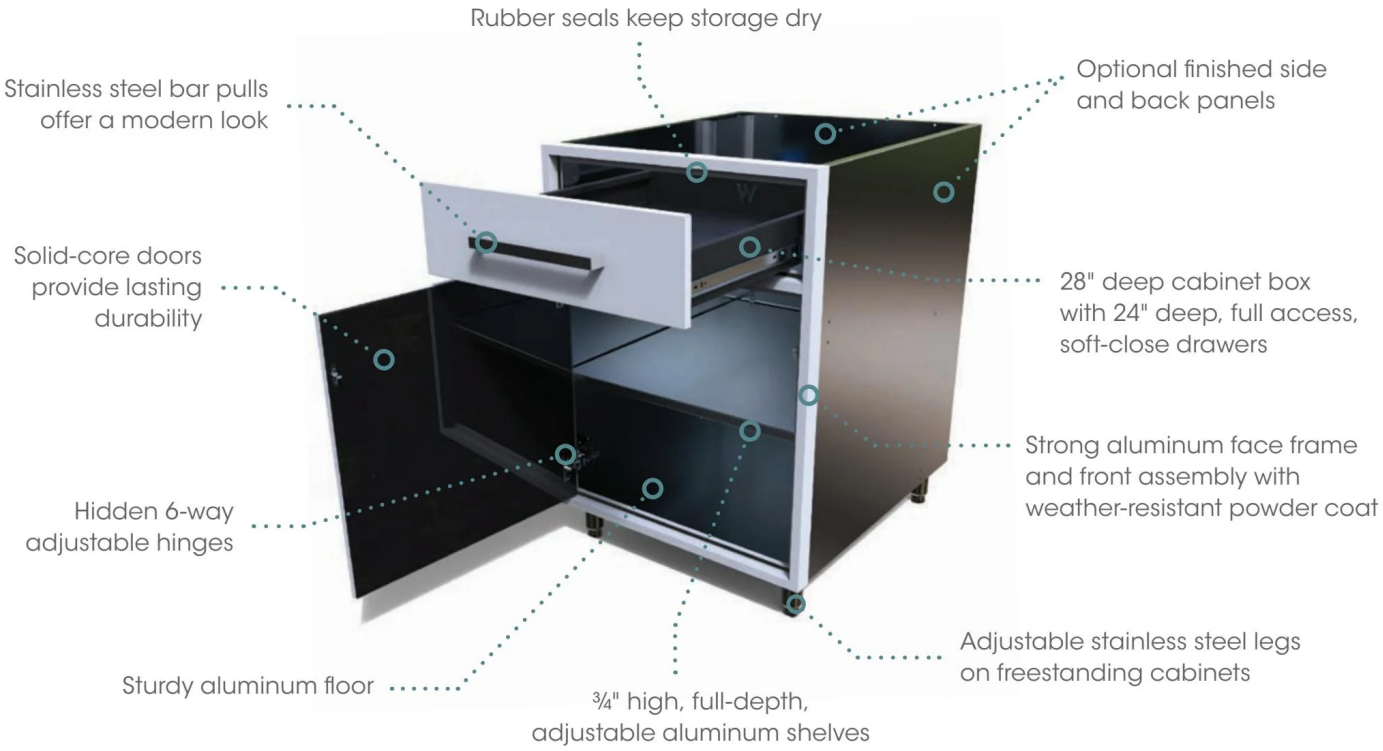
POWDER-COATED FINISH
Exposed exterior surfaces are coated with a super-durable, architectural grade polyester powder coating, featuring high quality exterior grade pigments, providing weathering properties that follow AAMA 2604 requirements.

FULLY ASSEMBLED
Freestanding cabinets, hardscape inserts and wall hung cabinets are ready to use right away.

LIGHTWEIGHT
Easy to handle and install.



CONSTRUCTION FEATURES



WOLF ENDURANCE CABINETS ARE MADE FROM MORE THAN **25% RECYCLED MATERIALS**

DOOR STYLES

Personalize your Wolf Endurance cabinets with two door styles that complement any outdoor decor. Our Flat panel style is a classic slab door. For added flair, choose our Shaker door style. Both are available in three finishes and feature solid-core construction for durability.

FLAT DOOR STYLE

- Flat panel drawer front
- Slab door
- Inset door and drawer front create flush surface when they are fully closed
- Hardware included
- Available in three finishes
- Select cabinets available for Quick Ship delivery





White Ash Black

SHAKER DOOR STYLE

- Flat panel drawer front
- Flat center door panel
- Inset door and drawer front create flush surface when they are fully closed
- Hardware included
- Available in three finishes
- Available special order only



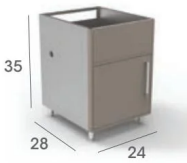


White Ash Black

QUICK SHIP CABINETS

QS AVAILABLE FOR DELIVERY IN DAYS, NOT WEEKS.

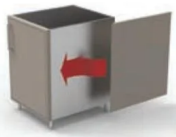
These Wolf Endurance cabinets and accessories are in stock and ready to ship today with our **exclusive Quick Ship delivery**. Quick Ship—which delivers in days, not weeks—applies only to the Wolf Endurance cabinets below in our Flat door style in all three colors: Black, White and Ash. So, mix and match these sturdy, functional aluminum cabinets to complete your outdoor oasis or create a unique outdoor storage solution, and get it all delivered fast.



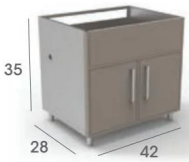
GAS GRILL BASE
Width: 24"
(GGBV24L)



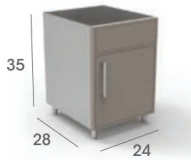
BASE, FOUR DRAWERS
Width: 24"
(DB24)



FINISHED SIDE PANEL
(FSP31)



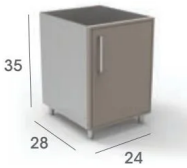
GAS GRILL BASE
Width: 42"
(GGBV42)



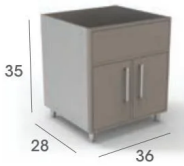
SINK BASE
Width: 24"
(SB24L, SB24R)



FINISHED BACK PANEL
(Solid or Vented)



BASE, FULL HEIGHT DOOR
Width: 24"
(B24FHL, B24FHR)



SINK BASE
Width: 36"
(SB36)



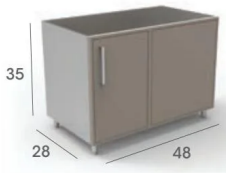
MOBILE BASE
Widths: 48" and 72"
(MB48, MB72)



BASE, ONE DRAWER
Width: 18"
(B18L, B18R)



BASE WASTE BASKET
Width: 24"
(BWB24)



BASE CORNER
Width: 48"
(BC48L, BC48R)



BASE, ONE DRAWER
Width: 24"
(B24L, B24R)



PROPANE BASE
Width: 18"
(PPBV18L)



ADJUSTABLE TOEKICK
Width: 96"
(TOEKICKKIT)

HARDSCAPE INSERT CABINETS





TURN YOUR OUTDOOR AREA INTO **THE ULTIMATE OASIS**

Perfect for hardscape applications, these upscale insert cabinets are designed to be built into your stone, brick or stucco applications. Available as full enclosures or as door and frame only, Wolf Endurance hardscape insert cabinets provide the outdoor storage you need, fully assembled and ready to install.

Hardscape insert cabinets are available in two styles and three finishes:

*Available special order only

FLAT



White Ash Black

SHAKER



White Ash Black



FULL HEIGHT DOOR INSERT

- One full height door
- Full enclosure
- One adjustable full depth shelf
- Cut-out dimension: 16½" W x 27½" H
- Available width: 18"

(B18FHLHI, B18FHRHI)



FULL HEIGHT DOOR INSERT

- Two full height doors
- Full enclosure
- One adjustable full depth shelf
- Cut-out dimension (36"): 34½" W x 27½" H
- Available widths: 36" and 40"

(B36FHHI, B40FHHI)



DOOR AND FRAME

- One full height door (specify left or right hinge)
- Door and frame assembly only
- Cut-out dimension: 22½" W x 27½" H
- Available width: 24"

(B24FHLFFHI, B24FHRFFHI)



UNDER GRILL DOOR AND FRAME

- Two full height doors
- Door and frame assembly only
- Cut-out dimension (36"): 34½" W x 27½" H
- Cut-out dimension (40"): 38½" W x 27½" H
- Available widths: 36" and 40"

(B36FHFFHI, B40FHFFHI)



DOOR AND DRAWER INSERT

- One door, one drawer
- Full enclosure
- One adjustable full depth shelf
- Cut-out dimension: 22½" W x 27½" H
- Available width: 24"

(B24LHI, B24RHI)



DOOR AND DRAWER INSERT

- Two doors, one drawer
- Full enclosure
- One adjustable full depth shelf
- Cut-out dimension: 34½" W x 27½" H
- Available width: 36"

(B36HI)



DRAWER INSERT

- Full enclosure
- Cut-out dimension: 22½" W x 27½" H
- Available width: 24"

(DB24HI)



PROPANE PULL-OUT INSERT – VENTED

- One full height door
- Full enclosure
- No shelf
- Pull-out hold standard LP tanks
- Vented through door
- Cut-out dimension: 16½" W x 27½" H
- Available width: 18"

(PPBV18HI)



UNDER GRILL INSERT

- Two full height doors
- Full enclosure
- No shelf
- Cut-out dimension (36"): 34½" W x 16½" H
- Cut-out dimension (40"): 38½" W x 16½" H
- Available widths: 36" and 40"

(GU36HI, GU40HI)



UNDER GRILL DOOR AND FRAME

- Two full height doors
- Door and frame assembly only
- Cut-out dimension: 34½" W x 16½" H
- Available width: 36"

(GU36FFHI)



WASTE BIN PULL-OUT INSERT

- One full height door
- Full enclosure
- No shelf
- Pull-out includes waste bin
- Cut-out dimension: 16½" W x 27½" H
- Available width: 18"

(BWB18HI)



PAPER TOWEL HOLDER

- One door, bottom hinge
- Full enclosure
- Includes paper towel holder
- Cut-out dimension: 14½" W x 9½" H
- Available width: 16"

(BPT16HI)

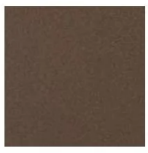


ALUMINUM COUNTERTOPS

Complete your outdoor space with a beautiful and long-lasting aluminum countertop, designed and custom fabricated for your specific cabinet, appliance and sink layouts. Using the same exterior grade powder coating as our cabinets, these durable tops will withstand harsh outdoor environments, including salt air and water. They will not rust, corrode, swell, crack or warp and are highly resistant to scratching.

Endurance Aluminum Countertops are available in four all-weather finishes:


Textured Black


Walnut


Silver


Copper



OUTDOOR CABINET COMBINATIONS

Wolf Endurance Outdoor Cabinets are easily paired to create stunning designs with simple installation. **Need a little inspiration?** Create your own perfect combination, or borrow one of ours.

See pages 10 & 11 for a few ideas to get you started.



Endurance Outdoor Cabinets are available in three finishes:

White

Ash

Black

OUTDOOR CABINET COMBINATIONS

COURTYARD

96" W x 28" D

- (1) B24L
- (1) B24FHL
- (1) B24FHR
- (1) BWB24
- (2) FSP31





QS

All Wolf Endurance cabinet combinations shown here are available with Wolf's exclusive Quick Ship delivery.

OASIS

108" W x 28" D

- (1) B24L
- (1) PPBV18L
- (1) GGBV42
- (1) BWB24
- (2) FSP31

For use with propane tank. For use with direct gas hookup, substitute B18L for PPBV18L



CLASSIC

48" W x 28" D

- (1) B24FHL
- (1) B24FHR
- (1) MB48
- (2) FSP31
- Optional Mobile Cart: MB48



WEEKENDER

60" W x 28" D

- (1) PPBV18L
- (1) GGBV42
- (2) FSP31

For use with propane tank. For use with direct gas hookup, substitute B18L for PPBV18L





ENTERTAINER

115" W x 90" D

- (1) PPBV18L
- (1) GGBV42
- (1) BWB24
- (1) BC48L
- (1) DB24
- (1) B18R
- (2) FP3
- (2) FSP31

For use with propane tank. For use with direct gas hookup, substitute B18L for PPBV18L

STAYCATION

84" W x 28" D

- (1) PPBV18L
- (1) GGBV42
- (1) BWB24
- (2) FSP31

For use with propane tank.
For use with direct gas hookup, substitute B18L for PPBV18L



BISTRO

48" W x 28" D

- (1) BWB24
- (1) B24R
- Optional Mobile Cart: MB48





REGAL

108" W x 109" D

- (1) SB36
- (1) BWB24
- (1) BC48R
- (1) PPBV18L
- (1) GGBV42
- (1) B18R
- (2) FSP31
- (2) FP3

For use with propane tank. For use with direct gas hookup, substitute B18L for PPBV18L

HAVEN

72" W x 28" D

- (1) B24FHL
- (1) DB24
- (1) B24FHR
- (2) FSP31
- Optional Mobile Cart: MB72



MOBILE BASE

Available in two sizes—
add to any combination

- 48" – MB48
- 72" – MB72



GRILLMASTER

132" W x 28" D (with 36" wide grill)

- (1) B24FHL
- (1) BWB24
- Freestanding Grill
- (1) B24L
- (1) B24FHR
- (2) FSP31



Combinations do not include back panels, countertop or grill.

RiverRun™ CABINETRY











DIRECT SUPPLY INC

PRICE GROUP

Price Group 1

PARKVIEW SLAB

Price Group 2

CAMBRIDGE SLAB JEFFERSON SLAB (MDF)

Price Group 3

CAMBRIDGE 5PC JEFFERSON SLAB (RED OAK)

Price Group 4

DALTON SLAB

COMING SOON

Price Group 5

DALTON 5PC HAMPTON 5PC

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RiverRun™ CABINETRY

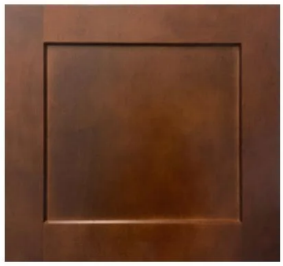
Spring 2023

Parkview

RiverRock



Cocoa



Smoke



Sahara



Pecan



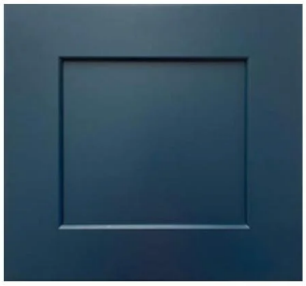
WOOD SPECIES: SOFT MAPLE

Cambridge Slab

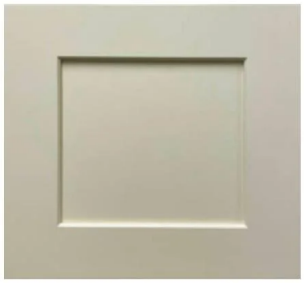
Pewter



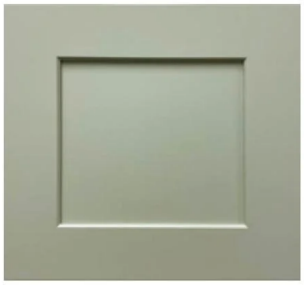
Blue Lagoon



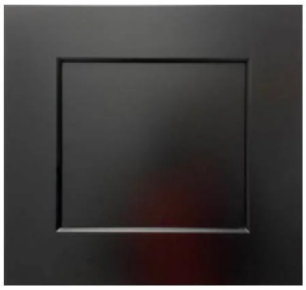
Linen



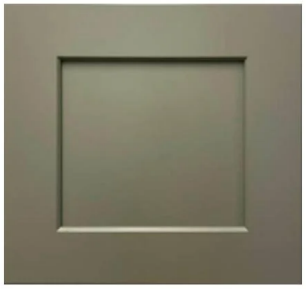
Mint



Onyx



Sage



White



WOOD SPECIES: MDF

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*Color may vary see samples

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RiverRun™ CABINETRY

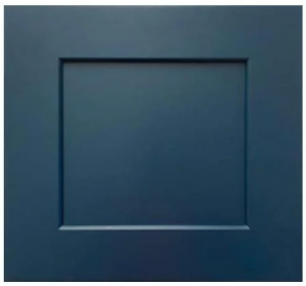
Spring 2023

Cambridge 5pc

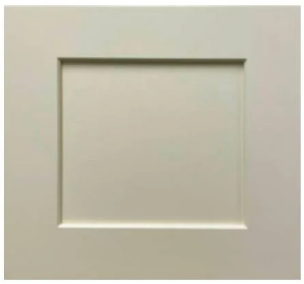
White



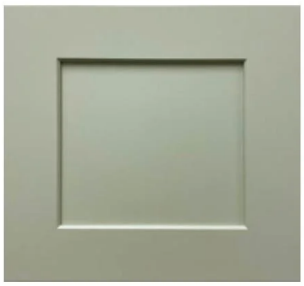
Blue Lagoon



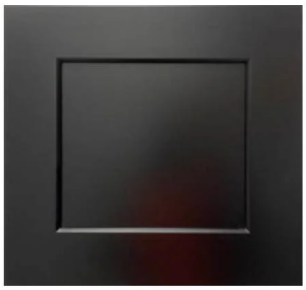
Linen



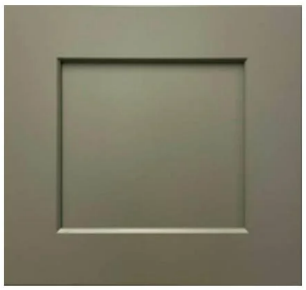
Mint



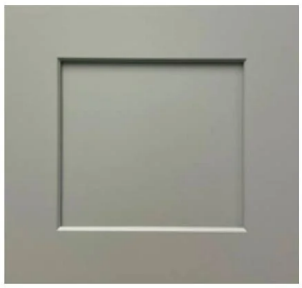
Onyx



Sage



Pewter



WOOD SPECIES: MDF

COMING SOON!

Dalton Slab

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*Color may vary see samples

RiverRun™ CABINETRY

Spring 2023

Jefferson

Sage



WOOD SPECIES: RED OAK

Onyx



WOOD SPECIES: MDF

Onyx



Blue Lagoon



White



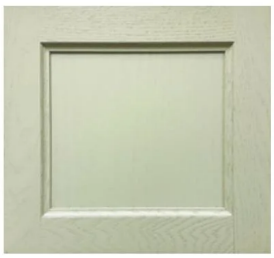
Linen



Pewter



Mint



Cocoa



RiverRock



Pecan



Sahara



Smoke



*Color may vary see samples

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RiverRun™ CABINETRY

Spring 2023

Hampton

Linen



Note
Glazing is no longer available on Hampton

White



Mint



Pewter



Blue Lagoon



Sage



Onyx



WOOD SPECIES: MDF

Dalton 5pc

Natural



Smoke



Cocoa



WOOD SPECIES: BIRCH

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*Color may vary see samples

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FINISH

River Run uses deep, luxurious, and durable finishes to enhance the door's details. Additionally, all the finishes have anti-yellowing properties, keeping the cabinet surface looking great for years to come

CONSTRUCTION

1. Face Frame Construction with natural wood interiors
2. 1/2" Plywood Sides - Specify Finished Ends
3. 3/4" Thick Plywood Shelves
4. 1/2" Solid Plywood Backs
5. Euro Solid-Wood Drawers
   *Dovetail is available with upgrade
6. Soft Close Doors and Drawers
7. 6-Way Adjustable Hinges
8. Fully Extention Drawer Slides



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EST. 1998

LEGACY CRAFTED CABINETS

hand crafted cabinetry

MADE IN PENNSYLVANIA





One cabinet at a time





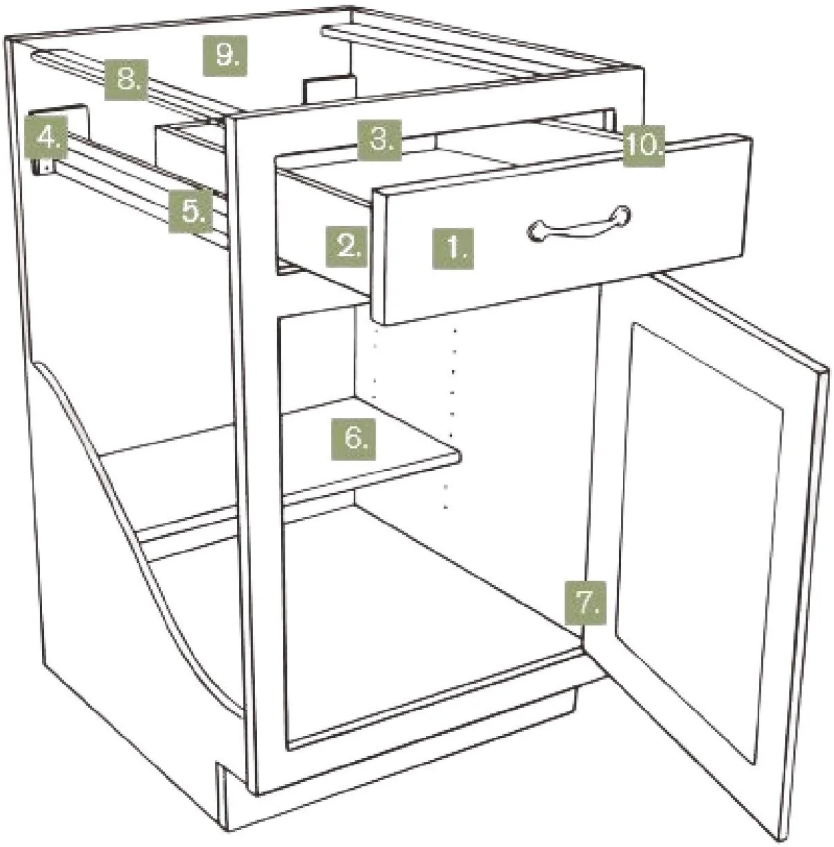
- Door profiles for every style
- Variety of wood species options
- Hand-applied finish options
- Three construction types
- Any Sherwin-Williams Paints
- Wide array of standard cabinets
- Customizations available
- Soft close doors & drawers

DIRECT SUPPLY INC

EST. 1998
LEGACY CRAFTED
CABINETS

CABINET CONSTRUCTION

1. Solid wood face frame & drawer boxes
2. 5/8” thick dovetail drawer construction
3. Full-depth drawer construction
4. 100 lb. static under-mount drawer glides
5. Soft-close full-extension drawers
6. 3/4” thick adjustable shelving
7. 6-way soft-close adjustable hinges
8. 3/4” thick full-depth plywood I-beam dadoed into sides and face frame
9. ¼” back panel with ½” nailer
10. ½” side panels

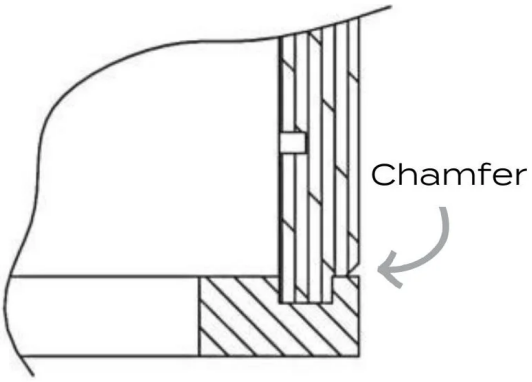


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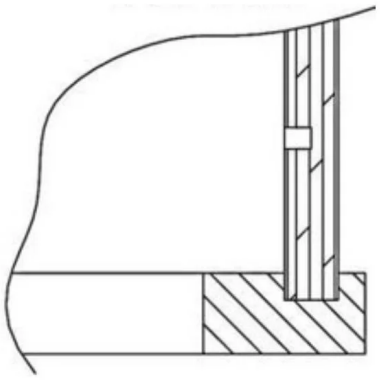
EST. 1998
LEGACY CRAFTED
CABINETS

FINISHED ENDS

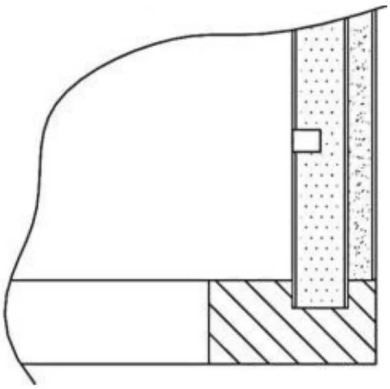
3/4" Finished Plywood
Flush Finished End Panels



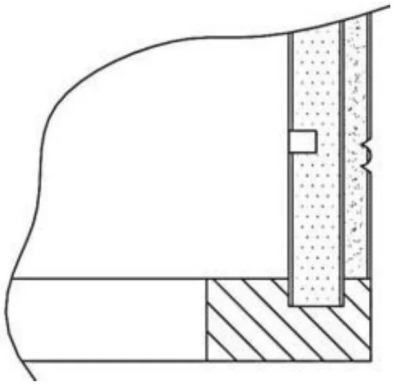
1/2" Finished Plywood
Integrated End Panels



1/4" Finished End Panel "Skins"



1/4" Finished Bead Board
End Panel "Skins"



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LEGACY CRAFTED CABINETS

DOOR STYLES

O=Oak, M=Maple, C=Cherry, H=Hickory


Chelsea* *O-M-C*


Haywood* *O-M-C*


Duval* *O-M-C-H*

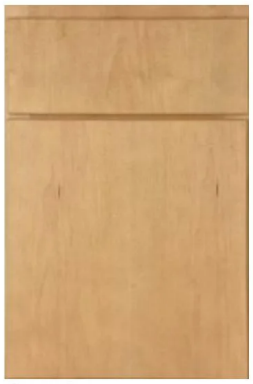

Griffin* *O-M-C-H*


Cortland *O-M-C*


Milton *O-M-C*


Mifflin *O-M-C*


Denton *O-M-C*


Astoria *M-C*


Hamilton *O-M-C-H*


Caldwell *O-M-C-H*


Payton *O-M-C*


Essex *O-M-C*


Winfield *O-M-C*


Avalon *O-M-C-H*


Strata** *Laminated*

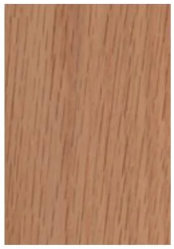

Juno *O-M-C*

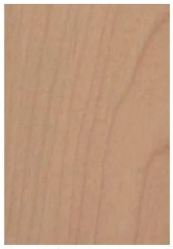
* Traditional Overlay
** Painted Face Frame

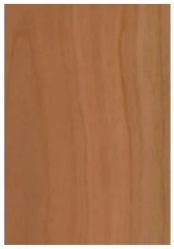
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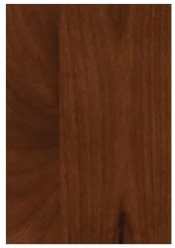

Oak-Natural

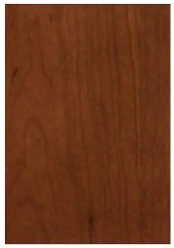

Maple-Natural


Cherry-Natural


Hickory-Natural


Oak-latte


Maple-Latte


Cherry-Latte

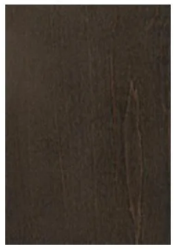

Cherry Antique Barrel


Oak-Suede


Maple-Suede


Cherry-Suede


Oak-Caraway


Maple-Caraway


Cherry-Caraway


Hickory-Latte

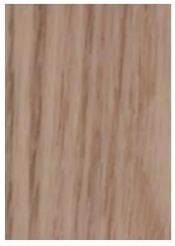

Oak Antique Barrel


Maple Antique Barrel


Oak-Java


Maple-Java


Cherry-Java

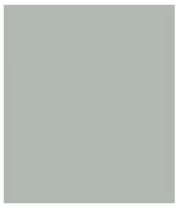

Oak -Butter Pecan

STANDARD PAINTS

Glacier White

Origami White

Casa Blanca


Silver Mist


Greek Villa


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Warm Stone


African Gray


Peppercorn


Bottle Green


Gale Force


Indigo Batik


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Black

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Glazing is the process of hand-applying a finish that is meant to mimic the natural aging of a cabinet, molding, or accessory. This hand-applied finish will give the impression of the natural patina that would normally take years to occur.

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Cottage



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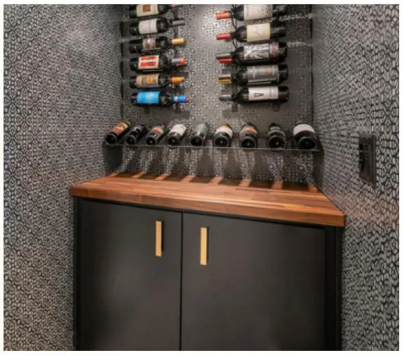















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