INTERGLASS

20TH

INTERGLASS

20TH

ANNIVERSARY

ESTABLISHED SINCE 2004

www.interglassusa.com

NGA
National Glass Association

2024

INTERGLASS

Our Purpose: We provide glass fabricators the products needed for success. Since our establishment in 2004, Interglass has been dedicated to the wholesale distribution of glass and mirror products. With a combined footprint of 144,000 sqft of warehouse space and our specialized fleet of trucks which includes Boom Trucks, Rack Trucks and Tractor-trailers. We efficiently perform in-house all of our local logistics needs such as: customs clearance, drayage, warehousing and deliveries. This, combined with our extraordinary employees give us the ability to exceed our customer needs.

Miami, FL

Savannah, GA

Houston, TX

INDEX

AVAILABLE FINISHES

Brass

Chrome Polished .... CP

Brushed Nickel .... BN

Matte Black .... MB

Brushed Gold .... BG

Aluminum

Brite Anodized... BA

Brushed Anodized... BS

Matte Black .... MB

Dark Bronze .... DB

Satin Anodized .... SA

Satin Brass.. SB

Stainless Steel

Polished Stainless... PS

Brushed Stainless... BS

Matte Black .... MB

Satin Brass.. SB

DISTRIBUTION REGIONS

Region 4
Region 3
Region 2
Region 1

TYPES OF DELIVERY

Boom Truck Delivery Service

- Offered in Region 1 only
- Unloading of Glass & Mirror cases included in service

Tractor-Trailer Delivery Service

- Single drop trailer for easier unloading
- Rolling tarp to protect from rain during transit
- Combine Glass or Mirror cases from our stock
- Competitive price vs float plants

Direct Container Delivery Service

- Directly from the manufacturer to customers warehouse
- Lowest cost service
- Drayage and Customs expenses included, no hidden fees
- Offered in South Florida and some Caribbean islands only

OUR TIMELINE

2004
- Established in March 2004 at 8440 NW 66th Street, Miami, FL

Miami, FL

2007
- Moved to 2175 W 8th Ct. Hialeah, FL with 10,000 sqft

Hialeah, FL

2008
- Acquired the first Boom Truck and hire first CDL driver

2010
- Opened a branch in Tampa, FL
- Introduced Shower Door Hardware product line

2011
- Moved to 6550 NW 82 Ave, Miami, FL with 26,000 sqft
- Exhibited at GlassBuild Show in Atlanta for the first time

Miami, FL

2015
- Acquired assets of Vetro USA in Medley, FL
- Acquired the first tractor trailer
- Close branch in Tampa, FL

2019
- Introduced Shopify for online ordering
- Moved to 8150 NW 64 St, Miami, FL with 55,000 sqft
- Opened branch in Savannah, GA with 30,000 sqft
- Earned the rank of #4433 on the Inc. 5000 list
- Exhibited at GlassBuild Show in Atlanta

Miami, FL

Savannah, GA

2020
- Introduced Architectural and Railing Hardware
- Sold the custom fabrication division
- Launched iOS & Android Apps
- Started in-house customs clearance

2021
- Exhibited at GlassBuild Show in Atlanta, GA
- Introduced SAMSARA GPS Tracking System
- Started in-house drayage from Port Miami, Port Everglades and Port Savannah

2024
- Celebrating 20 years
- Exhibiting at Glass Expo South East in Orlando, FL
- Exhibiting at MGA Glass Expo in Washington, D.C.
- Exhibiting at Expo North East in New York, NY
- Exhibiting at GlassBuild America in Dallas, TX
- Opening a branch in Houston, TX with 62,000 sqft

Houston, TX

FLOAT GLASS

Meets Standards:

ASTM C1172-14
EN14449
ANSI Z97.1

Visible Light Transmittance (VLT): The percentage of the visible spectrum (light) that is transmitted through the glass.

Exterior Reflectance: The percentage of the visible spectrum (light) that is reflected towards the exterior by the glass.

SHGC: The fraction of incident solar radiation admitted through the glass, both directly transmitted and absorbed and subsequently released inward. SHGC is expressed as a number between 0 and 1. The lower a glass solar heat gain coefficient; the less solar heat it transmits.

Winter U- Value: Measure of the insulating characteristics of the glass in which how much heat gain or loss occurs through the glass due to the difference of indoor and outdoor temperatures using NFRC winter nighttime environmental conditions of a cold outside temperatures and no sunlight.

Interglass cannot be held responsible for any deviation between the data introduced and the conditions on site. Specifications technical and other data are based on information available at the time of preparation of this document and are subject to change without notice. Data values were simulated using Optics 6 & used with Windows 5.2. The performance data is simulated, not actually measured.
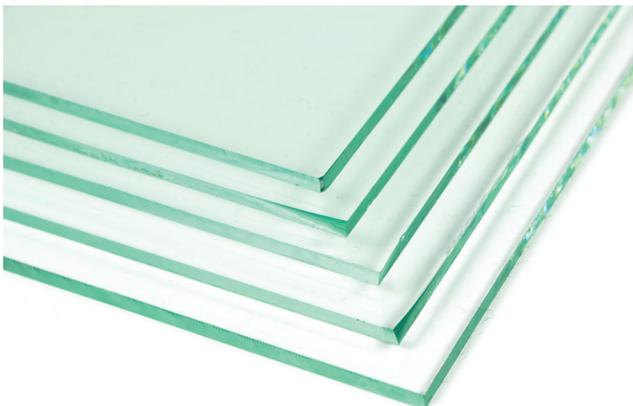
Clear Glass

Clear glass is a soda-lime silicate float glass product, intended to be used in residential and commercial applications alike. It's a versatile choice when specialty glass is not needed. It has the standard light green color. It's the type of glass used the most worldwide and the least expensive, and can be use in almost any glass application. Such as double glazing, laminating, tempering, heat-strengthening, bending, coating.

Clear Glass is used on many applications such as: Windows, Doors, etc. As it's an a affordable and available product, it's one of the most common and popular choices in the glass industry. Clear glass is commonly used in the industry due to it's slight green hue that alters the appearance in some cases, this is due to the iron content present in the glass.

Glass Thickness		Visible Light		UV Transmittance	Solar Heat Gain Coefficient (SHGC)	Winter U-Value English	Winter U-Value Metric W/(M² x K)	Thickness Tolerances	Dimension Tolerances
mm	inches	Transmittance (VLT)	Exterior Reflectance						
2.3mm	3/32"	90.0%	9.0%	N/A	0.87	1.05	5.94	±0.2mm	±4mm
3mm	1/8"	89.0%	8.6%	73.3%	0.85	1.04	5.90	±0.2mm	±4mm
4mm	5/32"	89.5%	8.6%	71.1%	0.84	1.04	5.88	±0.2mm	±4mm
5mm	3/16"	89.1%	8.5%	68.7%	0.83	1.03	5.86	±0.2mm	±4mm
6mm	1/4"	88.6%	8.5%	66.0%	0.82	1.02	5.82	±0.2mm	±4mm
10mm	3/8"	87.5%	8.3%	57.9%	0.76	1.00	5.69	±0.3mm	±4mm
12mm	1/2"	85.0%	8.0%	N/A	0.73	0.98	5.59	±0.3mm	±4mm
19mm	3/4"	83.0%	8.0%	N/A	0.67	0.95	5.39	±1.0mm	±5mm

Physical and Mechanical Properties	Symbol	Value and unit
Density (at 18°C)	ρ	2 500kg,m3
Knop hardness	Hk0.1/20	6 GPa
Young's modulus	E	7x1010 Pa
Poisson's ratio	μ	0.2
Specific heat capacity	Cp	0,72 x 103J/(kg.k)
Nominal value of avg coefficient of linear expansion between 20 ° C and 300° C	α	9 x 10-6/K
Resistance against temperature differential and sudden temperature change	v40 Kb	
Thermal conductivity	λ	1 W / (m. K)
Mean refractive index to visible radiation (at 589,3nm)	n	1,5
Emissivity (corrected)	ε	0,837
Characteristic bending strenght	Fg,kk	45 N/ mm2

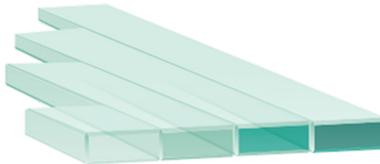| Chemical Composition	
ilicon Dioxide	(69% to 74%)
Calcium Oxide	(5% to 14%)
Sodium Oxide	(10% to 16%)
Magnesium Oxide	(0% to 6%)
Aluminum Oxide	(0% to 3%)
Other	(0% to 5%)

Low Iron Glass

Low Iron Glass is an ultra transparent glass with light transmittance more than 91%, It has the characteristics of low spontaneous breakages, high purity, noble elegance and crowned as 'crystal prince' of the glass family.

High transmittance: visible light transmittance near 92%, 6% higher than clear float glass.
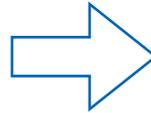
High aesthetics: More beautiful than clear float glass, with a jewellike blue edge.

Glass Thickness		Visible Light		Total Penetration	UV Penetration	Shading Coefficient	Winter U-Value Metric W/(M² x K)
mm	inches	Transmittance (VLT)	Exterior Reflectance				
5mm	3/16"	91.3%	8%	90%	71%	1.03	5.80
6mm	1/4"	91.1%	8%	90%	70%	1.03	5.70
10mm	3/8"	90.6%	8%	89%	66%	1.02	5.60
12mm	1/2"	90.4%	8%	88%	64%	1.01	5.50
19mm	3/4"	89.7%	8%	86%	59%	0.99	5.50

Edge Guide

The color of a glass edge depends on the length of glass you are looking through.

Low-Iron Glass		Regular Clear Glass
	Length 12"	
	Length 20"	
	Length 40"	
	Length 60"	
	Length 100"	
	Length 130"	

Benefits of Low-Iron Glass:

1. Elegance
2. Luxury Finish
3. High Quality
4. Undistorted Colors
5. Clarity

Low Iron Glass

Regular Clear Glass

Hard Coat Low-E Glass

Low-emissivity glass coatings are designed to increase the reflection of the heat absorbed by the glazing to the interior of the building. In contrast to clear glass, low-emissivity coated glass ensures that heat is retained in a building, enhancing thermal comfort.

Hard coat Low-E Glass is made using a pyrolytic process applied at high temperatures and fired into the glass surface during the float glass manufacturing process. This glass can be heat-treated, laminated, bent, silk screened, and enameled to meet specialized applications. Can be used monolithically, or as part of an insulating glass unit. There is no need for edge deletion when incorporating it in an insulating unit. It's recommended to be installed in surface #4.

Glass Thickness		Visible Light		UV Transmittance	Solar Heat Gain Coefficient (SHGC)	Solar Heat Gain Coefficient (SHGC)	Shading Coefficient (SC)
mm	inches	Transmittance (VLT)	Exterior Reflectance				
3.2mm	1/8"	83%	9.0%	38.9%	0.75	0.75	0.86
5mm	3/16"	82%	6.3%	30%	0.67	1.03	5.86
6mm	1/4"	53%	6.0%	25%	0.63	1.02	5.82

Benefits of Low-E Glass:

1. Energy Efficiency
2. UV Radiation Protection
3. Improved Comfort
4. Daylight and Natural Light
5. Condensation Control

Low-E Glass is a popular choice within people who are choosing an energy-conscious and environmentally friendly alternatives. Best performance is on winter season where the warm temperature in the interior must be kept warm.

TINTED GLASS

Bronze Glass

Bronze Tinted Glass offers solar protection and supports energy efficiency in regions that rely on air conditioning. Provides low levels of light reflection. Can be tempered, laminated, heat-strengthened, insulated. Ideal for use in atriums, skylights, windows, entrances and storefronts. Also in decorative applications such as table tops. This glass is a great option and alternative from traditional clear glass. It allows users to have different possibilities of architectural and decorative applications while at the same keeping the elegance the glass has to offer.

Glass Thickness		Visible Light		UV Transmittance	Solar Heat Gain Coefficient (SHGC)	Winter U-Value English Btu/(Hr x Sqft x °F)	Winter U-Value Metric W/(M² x K)
mm	inches	Transmittance (VLT)	Exterior Reflectance				
3mm	1/8"	66.8%	6.8%	38.9%	0.73	1.04	5.90
5mm	3/16"	58.5%	6.3%	30.2%	0.67	1.03	5.86
6mm	1/4"	53.2%	6.0%	25.5%	0.63	1.02	5.82
10mm	3/8"	37.7%	5.4%	14.1%	0.52	1.00	5.69
12mm	1/2"	27.0%	5.0%	N/A	0.47	0.98	5.59

Gray Glass

Gray Tinted Glass has a subtle cool light-gray tint which offers traditional solar control. Tinted products support energy efficiency in regions that rely on air conditioning and low levels of light reflection. Can be tempered, laminated, heat-strengthened. Ideal for use in atriums, skylights, windows, entrances and storefronts. Gray Glass will provide a contemporary look while at the same time offering benefits that makes it a popular choice in architectural and display applications alike.

Glass Thickness		Visible Light		UV Transmittance	Solar Heat Gain Coefficient (SHGC)	Winter U-Value English Btu/(Hr x Sqft x °F)	Winter U-Value Metric W/(M² x K)
mm	inches	Transmittance (VLT)	Exterior Reflectance				
3mm	1/8"	60.3%	6.4%	37.4%	0.68	1.04	5.90
5mm	3/16"	50.4%	5.9%	28.8%	0.62	1.03	5.86
6mm	1/4"	44.5%	5.6%	24.2%	0.58	1.02	5.82
10mm	3/8"	27.7%	5.0%	13.2%	0.47	1.00	5.69
12mm	1/2"	18.0%	5.0%	N/A	0.42	0.98	5.59

Green Glass

Green Glass offers some solar control. Tinted products supports energy efficiency in regions that rely on air conditioning and low levels of light reflection. Ideal for use in atriums, skylights, windows, entrances and storefronts. Green Glass can provide a fresh, vibrant look to architectural designs while at the same time providing an excellent option to products that contain light-sensitive contents due to it's moderate protection of UV radiation.

Glass Thickness		Visible Light		UV Transmittance	Solar Heat Gain Coefficient (SHGC)	Winter U-Value English Btu/(Hr x Sqft x °F)	Winter U-Value Metric W/(M² x K)
mm	inches	Transmittance (VLT)	Exterior Reflectance				
6mm	1/4"	53.2%	6.0%	25.5%	0.63	1.02	5.82

Pattern 62 Obscured Glass

This pattern combines an attractive appearance with obscurity and light transmission capabilities, perfect for a range of residential and commercial applications. Mostly used in jalousie windows and kitchen cabinet doors. Also known as Nashiji, Dew or Crepe.

Rain Patterned Glass

Rain patterned glass option bring natural beauty indoors, offering obscurity, light diffusion and ripped pattern reminiscent of a summer shower. Mostly used in shower enclosures. Also known as Niagara.

Reeded Glass

Reeded glass is a type of textured glass featuring a series of parallel lines, or "reeds," which create a distinctive, decorative pattern. It's mostly used in doors, windows, cabinets, partitions and shower enclosures. Also known as Moru.

Aquatex

Aquatex glass is a type of patterned glass that was often used for privacy in various settings, such as bathroom windows, enclosures and patio tables. It can be tempered for safety to be used in areas like shower enclosures or exterior windows where safety glass is required by building codes. Also known as Aqualite.

Glass Thickness		Visible Light		Thickness Tolerance (mm)	Solar Transmission (%)	Solar Reflectance (%)	Winter U-Value Metric W/(M² x K)
mm	inches	Transmittance (VLT)	Exterior Reflectance				
3.2mm	1/8"	89%	8.0%	(+/-) 0.3	85	8.3	5.80
5mm	3/16"	88%	8.0%	(+/-) 0.4	85	8.0	5.80
6mm	1/4"	87%	8.0%	(+/-) 0.5	83	8.0	5.80
10mm	3/8"	82%	8.0%	(+/-) 0.8	79	8.0	5.80

SATIN ACID-ETCHED GLASS

Satin Acid-Etched Clear Glass

Acid-Etched Glass, with a smooth satin finish appearance, creates a distinctive look that responds to current design trends toward minimalist and simplicity. Combines a satin finish with a smooth, translucent appearance. It filters light, smooths visual contours, and provides obscurity and privacy. Has a slight green tint. Commonly used in shower enclosures, obscurity windows, table tops, office partitions, closets, cabinets, picture frames, etc.

Satin Acid-Etched Low-Iron Glass

Low-Iron Acid-Etched glass, is a specialty glass that combines properties to give unique looks and performance. For instance, it has a frosted appearance with high clarity. It's common applications include doors, shower enclosures, tabletops and places where privacy is needed while at the same time allowing it to have natural light. Its neutral tone eliminates color changes.

Base Glass: Clear Float Glass or Ultra-Clear Low-Iron Float Glass

Application: Cutting, Polishing, Beveling, Bending, Tempering, Lamination

Characteristic	AVCP	NPD
Safety in the case of fire:		
Resistance to fire (13501-2)	1	NPD
Reaction to fire (13501-1)	3,4	A1
External fire behavior (EN 13501-5)	3,4	A1
Safety in use:	1	NPD
Bullet resistance (EN 1063)	1	NPD
Explosion resistance (EN 13541)	3	NPD
Burglar resistance (EN 356)	4	40K
Pendulum body impact resistance (EN 12600)	4	40K
Resistance against sudden temperature changes		
Temperature differentials	unit 4	10mm
Wind, snow, permanent and imposed load resistance of the glass. Protection against noise:	4	32 (-2;-3)dB
Direct airborne sound reduction (EN12758)		
Light transmission (EN 410):	3	80.1%

Black Back Painted Glass

Black Painted Glass is an ideal solution for commercial and residential spaces, mostly used in interior decor to show a piano black glossy look. Not temperable. Apply Safety back Cat II tape recommended.

White Back Painted Glass

Low-Iron White Painted Glass is an ideal solution for commercial and residential spaces, mostly used in back-splashes and closet doors. Not temperable. Apply safety back Cat II recommended.

Back Painted Glass is a lacquered glass with an opaque and colored appearance, attained by depositing and banking highly resistant lacquer onto the rear surface of the glass. This glass brings color and ambiance to interiors and is particularly suitable for more demanding locations such as bathrooms and kitchens.

Some of it's common applications include: homes, offices, hotels, shops and museums. This is by creating smooth, homogenous surfaces as all-panelling, in furniture and in wardrobe and cupboard doors.

Some of the advantages of using this glass include: Inspiring modern-day design, durable and flawless finish, resistant to humidity and safety as well as an elegant and serene installation to the places it's placed at.

LAMINATED GLASS

Meets Standards:

ASTM C1172-14	
EN14449	Complies with category II rating under the 16 CFR 1201 Regulation.
ISO 12543	
ANSI Z97.1	

Visible Light Transmittance (VLT): The percentage of the visible spectrum (light) that is transmitted through the glass.

SHGC: The fraction of incident solar radiation admitted through the glass, both directly transmitted and absorbed and subsequently released inward. SHGC is expressed as a number between 0 and 1. The lower a glass solar heat gain coefficient; the less solar heat it transmits.

Winter U- Value: Measure of the insulating characeristics of the glass in which how much heat gain or loss occurs through the glass due to the difference of indoor and outdoor temperatures using NFRC winter nightime environmental conditions of a cold outside temperatures and no sunlight.

Hurricane Impact Resistant Glazings: To meet the requirements of the ASTM E 1996 Small Missile Test, laminated glasses typically include a PVB interlayer with a thickness of 0.06" (1.52 mm) and for the Large Missile Test an interlayer of 0.090" (2.28mm) is required.

Clear Laminated Glass

Laminated glass is two or more lites (pieces) of glass permanently bonded together with one or more plastic interlayers (PVB: polyvinyl butyral) using heat and pressure. Laminated glass can be broken, but the fragments will tend to adhere to the plastic layer and remain largely intact, reducing the risk of injury.

Applications: Windows, Storefronts, Jewelry Showcases, Railings.

Glass Thickness		Makeup / Composition	VLT%	SHGC	Winter U-Factor
mm	inches				
6.76mm	1/4"	1/8" Clear Glass + 0.030" Clear PVB + 1/8" Clear Glass	88	0.79	1.00
8.28mm	5/16"	1/8" Clear Glass + 0.090" Clear PVB + 1/8" Clear Glass	88	0.76	0.96
10.38mm	3/8"	3/16" Clear Glass + 0.015" Clear PVB + 3/16" Clear Glass	87	0.76	0.97
12.28mm	7/16"	3/16" Clear Glass + 0.090" Clear PVB + 3/16" Clear Glass	87	0.72	0.94
12.76mm	1/2"	1/4" Clear Glass + 0.030" Clear PVB + 1/4" Clear Glass	87	0.75	0.96

Some features that Laminated Glass has is that it:

1. Provides Safety measures as when glass breaks it adheres to the plastic interlayer rather than breaking into pieces like common annealed glass.

2. Sound Insulation is also one of the characteristics as the PVB interlayer present in the laminated glass can absorb sound waves and reduce sound.

3. Laminated glass is used due to it's tough breakage.

4. Used in areas where Hurricanes, Tornados and Earthquakes are common as it can stand heavy wind loads and impact.
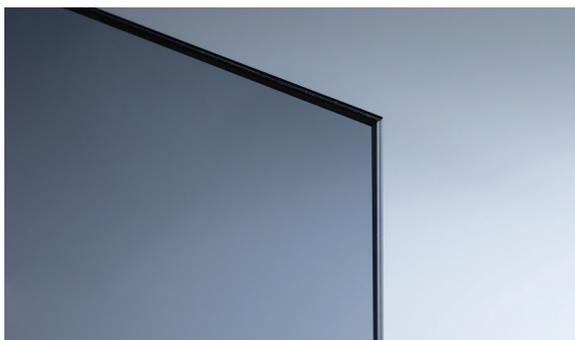
Bronze Laminated Glass

Bronze Laminated Glass has a bronze tint that provides an attractive appearance to buildings to buildings and structures. By having the interlayer, Laminated Glass offers safety in case of breakage. This is due to the interlayer holding the glass fragments together preventing them from scattering and causing harm. Also, laminated glass can help in the reduction of solar heat gain in the buildings interior.

Glass Thickness		Makeup / Composition	VLT%	SHGC	Winter U-Factor
mm	inches				
6.76mm	1/4"	1/8" Bronze Glass + 0.030" Clear PVB + 1/8" Bronze Glass	51	0.59	1.00
8.28mm	5/16"	1/8" Bronze Glass + 0.090" Clear PVB + 1/8" Clear Glass	50	0.58	0.96
12.28mm	7/16"	3/16" Bronze Glass + 0.090" Clear PVB + 3/16" Clear Glass	57	0.59	0.94

Gray Laminated Glass

Gray Laminated Glass has a gray tint that gives a modern and stylish appearance to buildings and structures. This tint also provides a touch of elegance and sophistication to the architectural needs. Also, it is utilized in interior designs for decorative elements and furniture.

Glass Thickness		Makeup / Composition	VLT%	SHGC	Winter U-Factor
mm	inches				
6.76mm	1/4"	1/8" Gray Glass + 0.030" Clear PVB+ 1/8" Gray Glass	42	0.55	1.00
8.28mm	5/16"	1/8" Gray Glass + 0.090" Clear PVB+ 1/8" Clear Glass	41	0.55	0.96
12.28mm	7/16"	3/16" Gray Glass + 0.090" Clear PVB +3/16" Clear Glass	49	0.55	0.94

Green Laminated Glass

Green Laminated Glass is a safety glass that offers solar protection. Used in windows and doors. Sometimes used when replacing broken automotive glass.

Application: Architecture and Building Design, Interior Design, Solar Panels, Security and Safety.

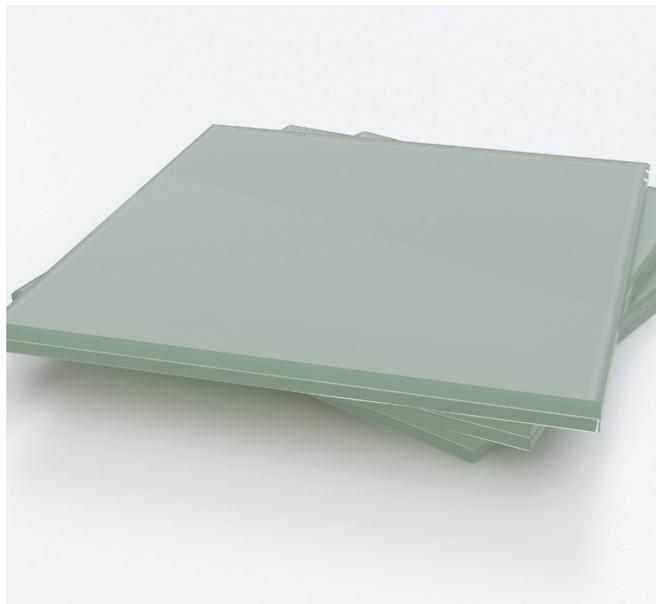| Glass Thickness		Makeup / Composition	VLT%	SHGC	Winter U-Factor
mm	inches				
6.76mm	1/4"	1/8" Green Glass + 0.030" PVB + 1/8" Green Glass	75	0.57	1.00

Milky White Laminated Glass

Laminated glass is two or more lites (pieces) of glass permanently bonded together with one or more plastic interlayers (PVB: polyvinyl butyral film) using heat and pressure. Laminated glass can be broken, but the fragments will tend to adhere to the plastic layer and remain largely intact, reducing the risk of injury.

Application: Closet doors, kitchen cabinets, bathroom windows.

Glass Thickness		Makeup / Composition	VLT%	SHGC	Winter U-Factor
mm	inches				
6.76mm	1/4"	1/8" Clear Glass + 0.030"White PVB + 1/8" Clear Glass	63	0.65	1.00

Gray/White Laminated Glass

Laminated glass is two or more lites (pieces) of glass permanently bonded together with one or more plastic interlayers (PVB: polyvinyl butyral film) using heat and pressure. Laminated glass can be broken, but the fragments will tend to adhere to the plastic layer and remain largely intact, reducing the risk of injury.

Application: Closet doors, kitchen cabinets, bathroom windows.

Glass Thickness		Makeup / Composition	VLT%	SHGC	Winter U-Factor
mm	inches				
8.28mm	5/16"	1/8" Gray Glass + 0.76" Milk White PVB + 1.52 Clear PVB + 1/8" Gray Glass	39	0.54	5.46
12.28mm	7/16"	3/16" Gray Glass + 0.76" Milk White PVB + 1.52 Clear PVB + 3/16" Gray Glass	24	0.46	5.34

MIRRORS

Meets Standards:

ASTM C1172-14

Copper-Free Mirror: This is the most corrosive resistant silver mirror in the market. It is used in doors, wall covering, retail displays and fixtures, furniture and case goods, surfaces and tables. Available in clear, low iron, bronze, and gray tints.

Clear Mirror

This is the most common silver mirror which provides unparalleled protection against corrosion, chemicals moisture and abrasion while adding beauty and elegance to any room. It is used indoors in, wall coverings, retail displays and fixtures, furniture and showcases, surfaces and tables, vanities and more.

Benefits of Using Clear Mirror:

Excellent resistance to humidity. Strong performance in accelerated corrosion testing, including CASS and salt spray. Higher resistance to a wide range of household chemicals than traditional copper-manufactured mirrors. Reduced clouding due to copper oxidation, yielding a superior mirror product. Contributes to environmental protection by elimination of toxic products (i.e. Copper, ammonia and lead) during production. Improved resistance to aggressive agents in certain cleaning products.

Characteristic	Technical Requirements
Size Tolerance	± 2.0mm
Thickness tolerance	±0.3mm
Diagonal Difference	<diagonal average length's 0.2%
Reflection Side:	
Punctate defects	≤0.2 mm no counting 0.2-0.3mm, qty:1.35/m2 0.3-0.5mm, qty: 0.16/m2 0.5-1.0mm , qty: 0.1/m2
Thread defects	Bruchmark length ≤ 50mm, qty: 8/m2 Mirror surface scratch length ≤ 50mm, qty: 3/m2
Chipped/crack edge	Length/Width/Depth not exceed mirror thickness
Edge concave-convex	Not exceed 1/2 of mirror thickness
Corner concave-convex	Not exceed mirror thickness
Mildew stain	Macroscopic defects not allowed
Back Paint:	
Visible back paint scratch	Not allowed
Non-visible back paint scratch	Scratch length≤50mm, qty: 10/m2 Scratch length≤50mm, qty: 2/m2
Back paint dropped	Not allowed
Performance:	
Silver content in silver film	≤800 mg/m2
Lead content silver film	≤100mg/m2
Silver film's pencil hardness	≥2H
Protective layer adhesion	Row lattice method ≤ 2 grade.
Slat Spray test	Allow color fade in protective layer but not allowed bubbles in the surface: reflective layer doesn't allowed fade or muddy, 0.3 ≤ stain diameter >0.2 mm, allowed qty: 2, edge corrosion ≤ 1.5mm
Heat-resisting/moisture-proof	Reflective layer without fade Back paint not dropped
Visible light reflectivity	≥85

LOW IRON MIRROR

Low-Iron Mirror

Low-Iron Mirror is characterized by a higher transparency and more neutral color, making it ideal where high reflection and clarity are required. Some of the features of this type of mirror are: brighter reflections, sharper focus, clearer images, better color, natural skin tones, whiter whites. Is use in most high-end places like spas, salons and retail spaces.

Benefits of Using Low Iron Mirror:

Due to its superior clarity, Low Iron Mirror reduces the greenish tint found in regular mirrors. This allows it to have greater enhanced clarity. True Color Reflection makes a significant difference as colors are reflected more accurately. This is the reason why Low Iron Mirror's are used in dressing rooms, makeup studios or art galleries. Low Iron mirror provides aesthetic superiority making the product be more appealing in modern designs. Durable and Long-lasting are one of the key benefits of using Low-Iron Mirrors.

Characteristic	Technical Requirements
Size Tolerance	±6.0mm
Thickness tolerance	±0.2mm
Diagonal Difference	Less than 0.2% diagonal average length
Reflection Side:	
Punctate defects	≤0.3mm, no count 0.3-0.5mm, 2/m2 0.5-1.0mm, 1/pcs >1.0mm, not allow
Thread defects	Brush marks Length ≤ 50mm, 10 pieces/m2 Mirror scratch Length≤50mm,5 pieces/m2
Chipped/crack edge	Length, width and depth do not exceed the thickness of the mirror
Edge concave-convex	No more than 1/2 mirror thickness
Corner concave-convex	No more than mirror thickness
Mildew stain	Visible defects are not allowed
Back Paint:	
Visible back paint scratch	Not allowed
Non-visible back paint scratch	Length≤50mm, 10 pieces /m2 Length>50mm, 2 pieces/m2
Back paint dropped	Not allowed
Performance:	
Silver content in silver film	≥730mg/m2
Lead content silver film	
Silver film's pencil hardness	≥2H
Protective layer adhesion	Grid determination≤2 grade
Slat Spray test	Allow discoloration on the protective layer, not allow bubble on surface Not allow discoloration or turbidity on the reflective layer 0.3≤Spot diameter>0.2mm Allow 2 Edge corrosion≤1.5mm
Heat-resisting/moisture-proof	Reflective film color not change Back paint without peeling
Visible light reflectivity	≥90

Gray Mirror

Gray Mirror is a very modern decorative tinted mirror and a great way to incorporate a sleek masterpiece of low-keyed eloquence into one's mirror decor. Transform your space with an elegant reflection found only in the most sophisticated of spaces. With it's cool tone it is popular in modern closets, and spaces like restaurants and elevators.

Bronze Mirror

Bronze Mirror is a very modern decorative mirror and great way to incorporate a sleek copper hue into one's mirror decor. Popular in fancy restaurants and bars, stylish bathrooms and in the home. Transform your space with an elegant reflection found only in the most sophisticated of spaces. Provides a warm tone finish.

Characteristic	Technical Requirements
Size Tolerance	± 2.0mm
Thickness tolerance	±0.3mm
Diagonal Difference	<diagonal average length's 0.2%
Reflection Side:	
Punctate defects	≤0.2 mm no counting 0.2-0.3mm, qty:1.35/m2 0.3-0.5mm, qty: 0.16/m2 0.5-1.0mm , qty: 0.1/m2
Thread defects	Bruchmark length ≤ 50mm, qty: 8/m2 Mirror surface scratch length ≤ 50mm, qty: 3/m2
Chipped/crack edge	Length/Width/Depth not exceed mirror thickness
Edge concave-convex	Not exceed 1/2 of mirror thickness
Corner concave-convex	Not exceed mirror thickness
Mildew stain	Macroscopic defects not allowed
Back Paint:	
Visible back paint scratch	Not allowed
Non-visible back paint scratch	Scratch length≤50mm, qty: 10/m2 Scratch length≤50mm, qty: 2/m2
Back paint dropped	Not allowed
Performance:	
Silver content in silver film	≤800 mg/m2
Lead content silver film	≤100mg/m2
Silver film's pencil hardness	≥2H
Protective layer adhesion	Row lattice method ≤ 2 grade.
Slat Spray test	Allow color fade in protective layer but not allowed bubbles in the surface: reflective layer doesn't allowed fade or muddy, 0.3 ≤ stain diameter >0.2 mm, allowed qty: 2, edge corrosion ≤ 1.5mm
Heat-resisting/moisture-proof	Reflective layer without fade Back paint not dropped
Visible light reflectivity	≥85

Antique Mirror (French)

Antique Mirror is designed to offer a subtle retro appearance in any interior scheme. Offering a warm reflection high versatility. Can be used in a range of applications like large wall spans in interiors, lobbies, stylish commercial interiors, restaurants and bars, antique furniture, etc.

Some of the advantages of having antique mirror include: It's authentic decorative appearance, high durable and easy to maintain and safety makes Antique Mirror one of the most popular choices for interior design. Following the standard EN 1036, Antique mirror is for internal use only.

Offering a subtle and warm light, antique mirror is a highly versatile and can be applied in a range of applications to suit the designer and offer limitless design opportunities when combined with other materials such as wood, metal and marble.

Glass Thickness		Visible Light		Declared Emissivity	G-Value	Solar Reflectance (%)
mm	inches	Temperature Changes and temperature differentials	Exterior Reflectance			
6mm	1/4"	40	0.90/0.04	0.89	0.05	0.77/0.05

*The performance of the product is in conformity with the declared performances. This declaration of performance is issued under the sole responsibility of the manufacturer.

Satin Mirror

Satin Mirror will bring both a modern and an eye-catching perspective to your living space. Due to special washing and production the product has a non-fingerprint and scratch resistant features, produced using clear mirror as the base.

FINGERPRINT FREE   CAN BE LAMINATED   FULLY ETCHED

Some of the most important applications

of the Satin Mirror include:

1. Decorative surfaces & mirrors
2. Furniture, caseloads & surfaces
3. Staircases & railings
4. Walls & Partitions
5. Interior Partitions
6. Office enclosures
7. Shower and Bath enclosures
8. Interior and Exterior doors

Technical Information:

Satin Mirror has passed the following test:

Taber test, Erichsen test, Condensation resistance, Acid water resistance, Resistance to neutral salt spray, reflection: Value: Coating side $\geq$ 58% **

Transmittance: 3% *

One-Way Mirror

One-Way Mirror is a reflective coated glass which offers an effective means of providing undetected surveillance and high quality one-way vision to achieve complete privacy. Ideally used in interrogation rooms, computer rooms, banks or cash offices. This glass must be installed with the coating on the subject's (observed person) side.

Some of the most important characteristics of One Way Mirror include:

1. **Transparency and Reflection:** The coating in the mirror allows it to be reflective and transparent due to it's transparent layer of metal.

2. **Lighting Conditions:** One-Way Mirror relies on lighting conditions on either side.

3. **Directional Privacy:** One-Way Mirrors are used for privacy features, in areas where security is promoted. People on one side can see through but on the other side they can only see their reflection.

4. **Versatility:** One Way Mirrors are used in various areas like entertainment, technology and scientific research.

5. **Thickness and Durability:** This glass varies in thickness and has different applications.

Glass Thickness		Optical Performance	Solvent Resistance	Alkai Resistance	Acid Resistance	Hot & Humid	Salt Spray Test	Adhesive Force	Thickness Tolerances	Length/ Width Tolerances
mm	inches									
6mm	1/4"	Film surface reflection 30+-3% glass surface reflection 60 +- 3% transmission 10 +- 3%	25°C 72 Hours	40°C 5% NaOH, 1 Hours	25°C, 5%H2SO4, to 24 Hours	85°C 85%RH 48 Hours	Neutral salt spray test, 5%NaCl salt solution, PH 6.5-6.8 96h 48hCASS test PH 3.1-3.3 Copper accelerates acetate spray 48h	Strip bottom test with 3M tape	+/-0.2mm	+/- 1mm

In inspection the film layer does not fall off
Result: Qualified and meets the required standards.

GLAZING TOOLS

Water Resistant Labels   NS-2000

4"

4"

500 labels per roll specially designed for the glass industry. Easy to peal off. Water resistant. Label size 4" x 4". Recommended use with thermal printer Zebra GK420T. Glossy Finish.

Gauntlet Cuff Palm Gloves (Pair)   GT-GG01

Special smooth, natural rubber coating on the palm side with freedom of hand movement.

Wood Crate Slings   SL120281

For wood cases handling using a 10,000 lbs forklift boom or 3 Ton overhead crane. Adjustable for 48" x 84" up to 96" x 144" cases.

Stick-On Sanding Discs

Disc Size	Grit		Code
6"	80	Grit	PSA680
6"	120	Grit	PSA6120
6"	400	Grit	PSA6400

CRL Abrasive Sanding discs to use with the Makita GV5010 Disc Sander, or similar. Use to grind or polish glass or mirrors edge.

Tuff-N-Lite® Halo Interlock Jacket   JAIMT241

· Full body zipper jacket with abdominal cut reinforcement.
· Uses Complex Ultra-Light Yarn Blends.
· Unaffected by moisture or UV radiation.
· Keeps user cool in hot conditions.

Tuff-N-Lite® Gripper Gloves   GL668

· Rubber-coated grip pattern provides excellent wet & dry grip.
· Comfortable, cut-resistant composite liner for all-day wear.

Tuff-N-Lite® Interlock Apron   ANINT037

· Apron come with extra protection in lower body & groin area with adjustable leg & waist straps.

Stick-On Disc Replacement Pad 6"   PAD6

Attach this pad to the Makita disc sander to be able to use adhesive discs.
For 6" discs only.

Cork Separator Pads

Cork pads with static foam (Non-Adhesive) for separating glass. Peels off without leaving residue.
Pad Size: 3/4" x 3/4"

Recommended:
1/8" cork for 3/32" - 1/4" glass.
1/4" cork for 3/8" - 3/4" glass.

1/8" Thick (25,000/roll)	NS-303
1/4" Thick (11,667/roll)	NS-306

Polishing Spray Oil   CRL920

Contents: 11 oz Can.
Polishing oil used to lubricate the belts or sanding discs for a smooth clear finish.

Diamantor Glass Cutter   BO-200.1

One steel wheel with 130° cutting angle. Straight edge stand-off distance 1/16" (1.5mm). Disposable. Wood handle. For 3/32" (2.3mm) up to 1/4" (6mm) glass.

Oval Mirrors
M-602436

36"

24"

1/4" Oval Shape Copper-free Mirror with 1" bevel. Mostly used in bathrooms. Does not includes mounting hardware.

Beveled Mirror Strips
S-6R2120
S-6R3120

Mirror Strip

Available in:
2" x 120"
3" x 120"

Palmer Mirro-Mastic® Can
PM201GL

Contents: 1 Gallon Can.
This mirror adhesive will not damage mirror silvering. Stays live and won't crack or dry. Allows movement due to normal thermal changes. Qualifies for LEED.
Fully cures in 45 days. Full body.

Mounting Foam Tape
CRL423212

DOUBLE-COATED FOAM CONSTRUCTION
Release Liner
Adhesive
Foam Core
Adhesive

Paper Backing Peels Off Easily and Exposes the High Quality Foam Core and Adhesive

Color: Black
Size: 1/32" Thick x 1/2" Wide x 200" Length.
Double Face Tape to mount mirrors on various surfaces. Chemically compatible with all coatings and will not cause ghosting.

Xtragrip™ Green Mirror Adhesive
BO-6002009

xtragrip
GREEN

Contents: 10 oz Cartridge
Environmentally friendly mirror adhesive. High tack and fast grab formula. Very high strength capability. Light body. Qualifies for LEED

Palmer Mirro-Mastic® Cartidge
PM601T

Palmer Mirro-Mastic

Contents: 11 oz Cartridge.
Palmer Mirro-Mastic® in cartridges is the same high quality adhesive mastic that is in the can. It is formulated for adhering plate glass mirror and acrylic mirror to various substrates, such as drywall, wood, glass, metal, and tile. Full body. Qualifies for LEED.

Safety Back Tape
SBT48

48"

Size: 48" Width x 250' Length
Category II Tape makes Mirrors Shatter Resistant. Keeps glass fragments from causing serious bodily damage. This pressure-sensitive, adhesive coated film tape is primarily recommended for mirrored closets or walls.

Complies with: ANSIZ97.1-2009.
                16CFR1201

Single Acrylic Mirror Outlet Plate
PMP102

Double Acrylic Mirror Outlet Plate
PMP202

Material: 1/8" Mirror-Backed Acrylic. Covers Switch and Outlets. Drilled for standard size mounting screws.

L-Channel Moulding
L-CH12D

BA

144"

3/4"

1/2"

Material: Aluminum
L-Mouldings can be used for inside and outside corners. Use it on wall mirrors where a lower lip is not required.

Deep J-Channel Moulding
J-CH12D

BA

144"

5/8"

Deep

5/16" (8mm)

Shallow J-Channel Moulding
J-CH12W

BA

144"

3/8"

Shallow

3/8" (10mm)

Material: Aluminum
Stock Length: 144"

J-Moulding are designed to be used below or on top of 1/4" mirror and allows for irregular wall surfaces.

It provides extra room for application of light bodied mirror mastics or foam mirror mounting tapes when using the Deep Moulding. Full body Mirro-Mastic can only be used with the Shallow Moulding.

Gunther Ultra/Bond® Mastic
GN100A

Contents: 10 oz Cartidge.
Gunther Ultra/Bond® Mastics is a high quality adhesive formulated to provide a strong, permanent bond between electro-copper-plated glass mirror and various substrates. Light body.

Mildew Resistant Clear Silicone Sealant
33SMRC

Contents: 10 oz Cartridge
General purpose acetoxy cure clear silicone sealant/adhesive. Mildew resistant; making it perfect for shower enclosures. It is a one component, room temperature curing, 100% silicone elastomer that does not require activators, stabilizers or catalysts to achieve optimum performance.

Substrates: Glass, aluminum, fiber glass, tile, plastic, ceramic, masonry, concrete, brick and wood.

Hi-Sheen Glass Cleaner
3371100

Contents: 19 oz Can
Industrial strength glass cleaning. Foaming action stays on the glass longer for better results. Ozone safe. HAZMAT, not available for export.

Wood's Powr-Grip® ABS 8" Suction Cup
B0-6023157

Model G0695. Lightweight, heavy duty handle made of rustproof ABS. Red-line indicator warns user of any significant vacuum loss.
Vacuum Pad: 8" [20 cm] diameter.
Load Capacity: 125 lbs (56 Kg)

Plastic Setting Blocks
PSB040

Support blocks for frameless installation or inside u-channel.
Dimensions: 1/16" H x 1/4" W x 2" L

Clear-Fusion V (Glass Coating)
CFV120

Contents: 4 oz Bottle
Reduces the amount of staining that occurs with water minerals and calcium build up. Last for more than 200 sqft of Glass surface.

Spear Point Drill Bit

Ceramic/Glass drill bit for use in hand held low rpm power tools.

3/16"	BA-5000905
1/4"	BA-5000906

Single Edge Razor Blades
51S

Super sharp, disposable. Used for cleaning debrie in glass. 3 facet blades can be oiled or degreased, depending on application.

Bio-Clean Water Stain Remover
WSR1

Contents: 16 oz Bottle.
Helps removes water and mineral stains, lime scale, calcium, soap scum, among others from glass and other surfaces. Works great on: shower doors, windows, chrome, aluminum, stainless steel, etc

SHOWER HARDWARE

3/8" Clear Tempered Glass Shower Door For Standard Wall Hinge

WIDTH

8"

1/2" Holes
3"

HANDLE

HEIGHT

33"

8"

TEMPERED GLASS

ITEM #	WIDTH	HEIGHT	HANDLE
D-7224	24"	71-5/8"	8"
D-7226	26"	71-5/8"	8"
D-7228	28"	71-5/8"	8"
D-7626	26"	75-5/8"	8"
D-7628	28"	75-5/8"	8"
D-8026	26"	79-5/8"	8"
D-8028	28"	79-5/8"	8"

Compatible With The Following Hinges

Z-2000	Z-3111	Z-3113	Z-7515
Z-3120	Z-3020	Z-9430	

Edge of Glass

1-13/16" (46mm)

2-1/2" (63mm)

5/8" (16mm) Diameter Holes

Cut-out Tolerance: +/- 1/16" (2mm)

Door Tolerance: 1/4" (6mm) Bow

Conformance with: ASTM C1048-12

3/8" Clear Tempered Glass Shower Door For Heavy-Duty Wall Hinge

WIDTH

8"

1/2" Holes
3"

8" HANDLE

HEIGHT

33"

8"

TEMPERED GLASS

ITEM #	WIDTH	HEIGHT	HANDLE
DH-7628	28"	75-5/8"	8"
DH-8028	28"	79-5/8"	8"
D-8426	26"	83-5/8"	8"
D-8428	28"	83-5/8"	8"

Compatible With The Following Hinges

Z-9111	Z-9113	Z-9712	Z-9120

Edge of Glass

1-13/16" (46mm)

3" (76mm)

5/8" (16mm) Diameter Holes

Cut-out Tolerance: +/- 1/16" (2mm)

Door Tolerance: 1/4" (6mm) Bow

Conformance with: ASTM C1048-12

WALL MOUNT HINGES

Glass Requirements

- 3/8" (10mm) Tempered Glass
- 1/2" (12mm) Tempered Glass

3 YEAR WARRANTY

Specifications

- Solid brass body and clear polyurethane gaskets
- Glass cut-out required
- Screws and gaskets included
- Hinge swings 90º in and 90º out
- Self-centering when within 15º of closed position
- Use thick gaskets for 3/8" glass or thin gaskets for 1/2" glass

Cares

- Can be cleaned with water and a soft cloth
- Use of harsh or abrasive cleaners may harm finish and will void the warranty
- Do not use power tools when installing or spray lubricant on this hinges
- 3 year warranty on Hinges only, all other hardware 1 year warranty

**Wall Mount H-Back
Square Hinge**   Z-2000

CP
BN
MB
BG

**Wall Mount Full-Back
Square Hinge**   Z-3111

CP
BN
MB

**Wall Mount Offset-Back
Square Hinge**   Z-3113

CP
BN
MB
BG

**Wall Mount Full-Back
Adjustable Beveled Hinge**   Z-7515

CP
BN
MB

Tight Clearance Cut-Out
Wall Deduction: 1/16" (2mm)

Edge of Glass
1/8" (3mm)
1-7/8" (48mm)
1-5/8" (42mm)
1/4" (6mm)
2-1/4" (57mm)
2-1/2" (63mm)
5/8" (16mm) Diameter Holes
1/8" (3mm)

Standard Glass Cut-Out
Wall Deduction: 3/16" (5mm)

Edge of Glass
1/8" (3mm)
1-3/4" (44mm)
1-1/2" (38mm)
1/4" (6mm)
2-1/4" (57mm)
2-1/2" (63mm)
5/8" (16mm) DIAMETER HOLES
1/8" (3mm)

Maximum Door Capacities

2 Hinges | Weight: 75 lbs (34 Kg) | Width: 28" (711mm)

For a heavier load use heavy duty hinges

Optional:
Standard Glass Cut-out
with 3/16" deduction

**Heavy-Duty
Wall Mount Full Back
Square Hinge**   Z-9111

CP
BN
MB
BG

**Heavy-Duty
Wall Mount H-Back
Square Hinge**   Z-9117

CP
BN
MB
BG

**Heavy-Duty
Wall Mount Offset Back
Square Hinge**   Z-9113

CP
BN
MB

**Heavy-Duty
Wall Mount H-Back
Adjustable Beveled Hinge**   Z-9712

CP
BN
MB
BG

Heavy-Duty Glass Cut-Out
Wall Deduction: 3/16" (5mm)

Edge of Glass
1/8" (3mm)
1-13/16" (46mm)
1-9/16" (40mm)
1/4" (6mm)
2-3/4" (70mm)
3" (76mm)
5/8" (16mm) Diameter Holes
1/8" (3mm)

Maximum Door Capacities

2 Hinges | Weight: 110 lbs (50 Kg) | Width: 36" (914mm)
3 Hinges | Weight: 140 lbs (63 Kg) | Width: 36" (914mm)

GLASS TO GLASS HINGES

Glass Requirements

- For 3/8" (10mm) Tempered Glass
- For 1/2" (12mm) Tempered Glass

3 YEAR WARRANTY

Specifications

- Solid brass body and clear polyurethane gaskets
- Glass cut-out required
- Screws and gaskets included
- Hinge swings 90º in and 90º out with self-centering
- Self-centering when within 15º of closed position
- Use thick gaskets for 3/8" glass or thin gaskets for 1/2" glass

Cares

- Can be cleaned with water and a soft cloth
- Use of harsh or abrasive cleaners may harm finish and will void the warranty
- Do not use power tools when installing or spray lubricant on this hinges
- 3 year warranty on Hinges only, all other hardware 1 year warranty

Glass-to-Glass 180° Square Hinge — Z-3120

CP
BN
MB
BG

Glass-to-Glass 180° Beveled Hinge — Z-3020

CP
BN
MB

Glass-to-Glass 135° Adjustable Square Hinge — Z-9430

CP
BN
MB

Standard Glass Cut-Out

Standard Glass Cut-Out

Maximum Door Capacities

2 Hinges | Weight 75 lbs (34 Kg) | Width 28" (711mm)

For a heavier load use heavy duty hinges

Heavy-Duty Glass to Glass 180° Square Hinge — Z-9120

CP
BN
MB
BG

Heavy-Duty Glass Cut-Out

Maximum Door Capacities

2 Hinges | Weight 110 lbs (50 Kg) | Width 36" (914mm)

3 Hinges | Weight 140 lbs (63 Kg) | Width 36" (914mm)

PIVOT HINGES

Specifications

- Solid brass body and clear polyurethane gaskets
- Glass cut-out required
- Screws and gaskets included
- Hinge swings 90º in and 90º out. Self-centering when within 15º of closed position
- Can be mounted floor and ceiling, or floor and wall using the wall adaptor (Z-3835), or adaptor block (Z-HAB01)

3
YEAR
WARRANTY

Cares

- Clean with water and a soft cloth
- Use of harsh or abrasive cleaners may harm finish and will void the warranty
- Do not use power tools directly on the hinge when installing or spray lubricant on this hinges
- 3 year warranty on Hinges only, all other hardware 1 year warranty

Pivot Square Hinge   Z-3820

CP
BN
MB
BG

Pivot Beveled Hinge   Z-3830

CP
BN
BG

Standard Pivot Wall Adapter   Z-3835

CP
BN
MB
BG

Allows Standard Pivot Hinge (Z-3830 or Z-3820) to be left or right hand wall mounted. Without the need of a header.
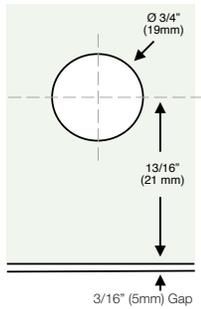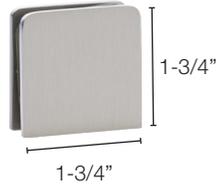
Standard Glass Cut-Out
Deduction: 3/8" (10mm)

2-15/16" (74mm)
1/4" (6mm)   1-7/8" (48mm)   1/4" (6mm)
1/4" (6mm)
1-1/2" (38mm)
1-1/4" (32mm)
1/2" (12mm) DIAMETER
1-3/4" (44mm)
Top or Bottom of Door   1-3/8" (60mm)   9/16" (14mm)
Edge of Glass

Maximum Door Capacities

2 Hinges | Weight 100 lbs (45 Kg) | Width 31" (787mm)

Glass Requirements

- 3/8" (10mm) Tempered Glass

Heavy-Duty Pivot Square Hinge   Z-3828

CP
BN
MB

Heavy-Duty Pivot Beveled Hinge   Z-3838

CP
BN

Heavy-Duty Glass Cut-Out
Deduction: 9/16" (13mm)

3-15/16 (101mm)
5/16" (8mm)   2-7/16 (62mm)   5/16" (8mm)
5/16" (8mm)
1-7/8" (47mm)
1-9/16" (39mm)
1/2" (12mm) Diameter
Top or Bottom of Door   3-1/16" (78mm)   7/8" (22mm)
Edge of Glass

Maximum Door Capacities

2 Hinges | Weight 145 lbs (66 Kg) | Width 36" (914mm)

Glass Requirements

- 3/8" (10mm) Tempered Glass
- 1/2" (12mm) Tempered Glass

HANDLES & TOWEL BARS

Tubular 6" Handle   Z-5310A

CP
BN
MB

6"

Square 6" Handle   Z-5303A

CP
BN
MB

6"

Tubular Ladder 8" Handle   Z-5313B

CP
BN
MB

8"   12"

Tubular 8" Handle   Z-5310B

CP
BN
MB
BG

8"

Square 8" Handle   Z-5303B

CP
BN
MB
BG

8"

Square Ladder 8" Handle   Z-2043B

CP
BN
MB

8"   12"

Tubular 24" Towel Bar   Z-5320B

CP
BN
MB

24"

Square 24" Towel Bar   Z-5329B

CP
BN
MB

24"

Rounded Knob   Z-5108

CP
BN

Material: Solid Brass

Tubular 8" Handle with 18" Towel Bar Combination   Z-5348

CP
BN
MB

18"

8"

Square 8" Handle with 18" Towel Bar Combination   Z-5358

CP
BN
MB

18"

8"

Square Knob   SK110

CP
BN
MB

Material: Solid Brass

Glass Requirements

- 1/4" (6mm) Tempered Glass
- 3/8" (10mm) Tempered Glass
- 1/2" (12mm) Tempered Glass

Specifications

- Material: 3/4" (19mm) Stainless Steel
- Hole Diameter Required: 1/2" (12mm)

Cares

- Clean with water and a soft cloth
- Use of harsh or abrasive cleaners may harm finish and will void the warranty
- Do not use power tools directly on the handle when installing or spray lubricant

Square Fixed Panel Clamp
Z-4602

CP
BN
MB

1-3/4"
1-3/4"

Rounded Fixed Panel Clamp
Z-4401

CP
BN

1-3/4"
1-3/4"

Heavy-Duty Square Fixed Panel Clamp
Z-4601

CP
BN
MB
BG

2"
2"

Heavy-Duty Beveled Fixed Panel Clamp
Z-4607

CP
BN
MB
BG

2"
2"

HOLE-IN-GLASS

Ø 3/4" (19mm)

13/16" (21 mm)

3/16" (5mm) Gap

Cut-out used when hanging glass panel from ceiling.

FINGER NOTCH GLASS CUT-OUT

Ø 3/4" (19mm)

1" (25 mm)

7/8" (22 mm)

Cut-out used when fixing glass panel to wall or floor.

FINGER NOTCH GLASS CUT-OUT

Ø 3/4" (19mm)

15/16" (24 mm)

7/8" (22 mm)

FINGER NOTCH GLASS CUT-OUT

Ø 3/4" (19mm)

1-5/16" (34 mm)

7/8" (22 mm)

Heavy-Duty Square Fixed Panel Double Screw Clamp
Z-4603

CP
BN

2"
2"

GLASS CUT-OUT

3/4" (19mm) Diameter Hole

1-1/4" (32mm)

1-1/2" (38mm)

Glass panel

Clamp

Marble or Tile

Wall

Glass Requirements
- 3/8" (10mm) Tempered Glass
- 1/2" (12mm) Tempered Glass

Specifications
- Solid brass body and clear polyurethane gaskets
- Screws and gaskets included
- Glass cut-out required

Cares
- Clean with water and a soft cloth
- Use of harsh or abrasive cleaners may harm finish and will void the warranty
- Do not use power tools directly on the clamp when installing or spray lubricant
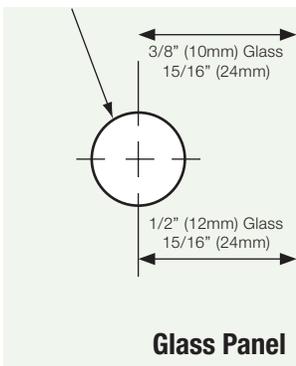
Glass-to-Glass 90° Rounded Clamp

Z-4425

CP
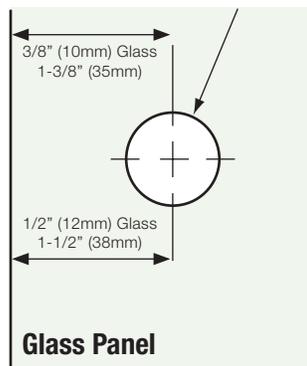
BN

Heavy-Duty Glass to Glass 90° Square Clamp

Z-4625

CP

BN

MB

Flat Edge Glass Cut-Out

3/4" (19mm) Diameter Hole

3/8" (10mm) Glass
15/16" (24mm)

1/2" (12mm) Glass
15/16" (24mm)

Glass Panel

Butting Panel

3/4" (19mm) Diameter Hole

3/8" (10mm) Glass
1-3/8" (35mm)

1/2" (12mm) Glass
1-1/2" (38mm)

Glass Panel

Overlapping Panel

45º Mitered Edge Glass Cut-Out

3/4" (19mm) Diameter Hole

Outside Edge of Miter

3/4" (19mm) Diameter Hole

3/8" (10mm) Glass
1-5/16" (34mm)

1/2" (12mm) Glass
1-7/16" (37mm)

Glass Panel

45º Mitered Panel

3/8" (10mm) Glass
1-5/16" (34mm)

1/2" (12mm) Glass
1-7/16" (37mm)

Glass Panel

45º Mitered Panel

Glass Requirements

- 3/8" (10mm) Tempered Glass
- 1/2" (12mm) Tempered Glass

Specifications

- Solid brass body and clear polyurethane gaskets
- Screws and gaskets included

Cares

- Can be clean with water and a soft cloth
- Use of harsh or abrasive cleaners may harm finish and will void the warranty
- Do not use power tools directly on the clamp when installing or spray lubricant

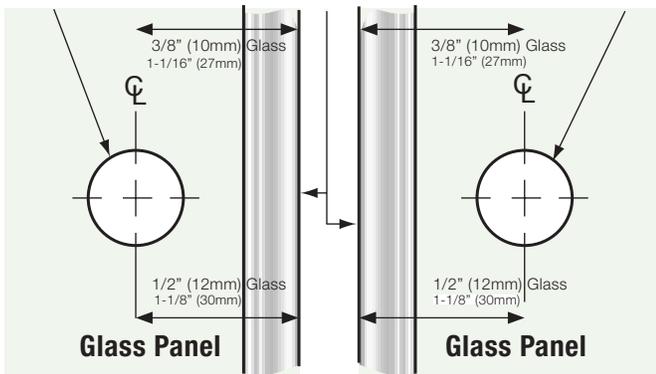## Glass-to-Glass 135° Rounded Clamp

Z-4423

CP

BN

22.5° Mitered Glass Cut-Out

3/4" (19mm) Diameter Hole

Outside Edge of Miter
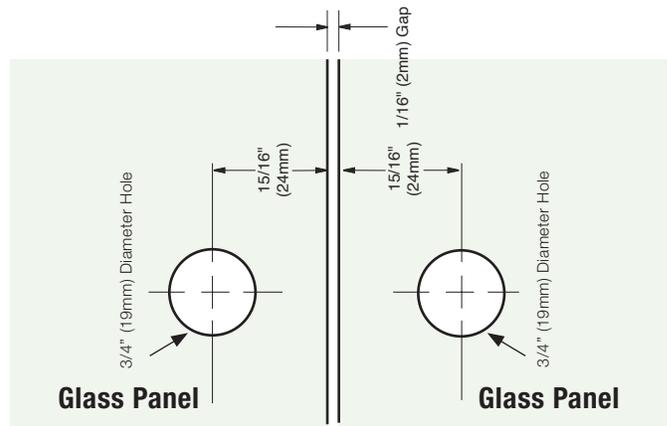
3/4" (19mm) Diameter Hole

3/8" (10mm) Glass
1-1/16" (27mm)

C̵L

3/8" (10mm) Glass
1-1/16" (27mm)

C̵L

1/2" (12mm) Glass
1-1/8" (30mm)

Glass Panel

1/2" (12mm) Glass
1-1/8" (30mm)

Glass Panel

22.5º Mitered Panel

22.5º Mitered Panel

Glass-to-Glass 180° Rounded Clamp

Z-4420

CP

BN

Glass Cut-Out

1/16" (2mm) Gap

15/16" (24mm)

15/16" (24mm)

3/4" (19mm) Diameter Hole

3/4" (19mm) Diameter Hole

Glass Panel

Glass Panel

Glass Requirements

• 3/8" (10mm) Tempered Glass
• 1/2" (12mm) Tempered Glass

Specifications

• Solid brass body and clear polyurethane gaskets
• Screws and gaskets included

Cares

• Can be clean with water and a soft cloth
• Use of harsh or abrasive cleaners may harm finish and will void the warranty
• Do not use power tools when installing or spray lubricant on these clamps

**Sleeve Over
Glass-to-Glass 90° Clamp**

Z-CGC90

CP
BN
MB
BG

**Sleeve Over
Glass-to-Glass Adjustable
Clamp**

Z-CGCAD002

CP
BN
MB

Adjustable from 90° to 180°

These Clamps are not designed to replace headers or support bars.
Clamps are secured in place by set screws on the back

**Sleeve Over
Left Wall Mount Clamp**

Z-SFM005L

CP
BN
MB

**Sleeve Over
Right Wall Mount Clamp**

Z-SFM005R

CP
BN
MB

*Example of
left Sleeve Over

Left handed as view from outside the shower

Right handed as view from outside the shower

These Clamps are not designed to replace headers or support bars.
Clamps are secured in place by set screws on the back
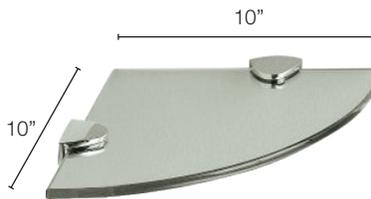
Rounded Shelf Clamp

Z-SC12

CP
BN
MB
BG

Corner Shelf Glass

T-SH10X10

10"

10"

Max 5" Glass Protution from wall is
recommended, unless used in a corner shelf.

Tempered Safety Glass.
Clamps not included.

Specifications

- Material: Solid Brass
- No holes required on Glass

Glass Requirements

- 3/8" (10mm) Tempered Glass
- 3/8" (10.38mm) Laminated Glass
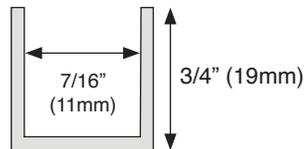- 1/2" (12mm) Tempered Glass

U-Channel 95" For 3/8" (10mm) Glass
Z-U10A

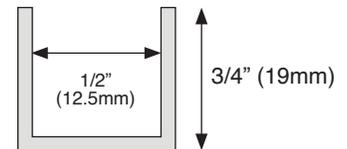BA
BS
MB
BG

U-Channel 144" For 3/8" (10mm) Glass
Z-U10B

BA
BS
MB
BG

U-Channel 144" For 1/2" (12mm) Glass
Z-U12A

BA
BS
MB
BG

7/16" (11mm) — 3/4" (19mm)

1/2" (12.5mm) — 3/4" (19mm)

Glass Requirements
- 3/8" (10mm) Tempered Glass
- 3/8" (10.38mm) Laminated Glass

Glass Requirements
- 1/2" (12mm) Tempered Glass

Specifications
- Material: Aluminium
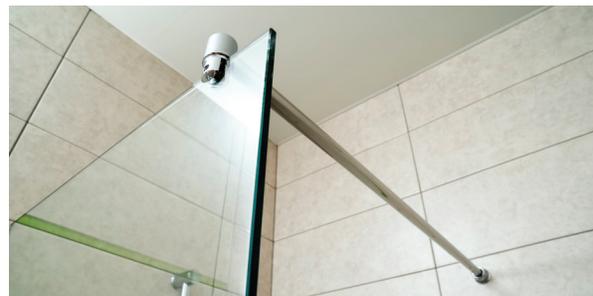- No holes required on Glass
- No pre-drilled holes in channel

Cares
- Can be clean with water and a soft cloth
- The use of harsh or abrasive cleaners may harm finish and will void the warranty

Wall-to-Glass Support Bar
Z-5431B

CP
BN

Material: Tubular Brass
No holes required on glass.
Stock bar length: 51"
Fixed panel support bar will stabilize glass that do not go all the way to the ceiling. Cut to size required.

Glass Requirements
- 3/8" (10mm) Tempered Glass
- 3/8" (10.38mm) Laminated Glass
- 1/2" (12mm) Tempered Glass

Shower Door Header Kit 98"   Z-SDH001A

CP
BN
MB
BG

Shower Door Header Kit 144"   Z-SDH001B

CP
BN
MB
BG

Wall Mounting Brackets   Z-BWB2

For use with header. Sold in pairs.
Includes: Mounting screw.
Material: Solid Brass.

Kit Includes

• Header 98" or 144" in length
• Snap-In Filler for Door Pocket 36"
• Gasket for 3/8" (10mm) Glass

Will provide additional support and a level of safety while securing glass panels not reaching the ceiling. Highly recommended on Neo-Angle installations.

Glass Requirements

• 3/8" (10mm) Tempered Glass
• 3/8" (10.38mm) Laminated Glass
• 1/2" (12mm) Tempered Glass

Specifications

• Material: Aluminum
• No holes required in Glass
• For 1/2" glass do not use vinyl gasket

Cares

• Can be clean with water and a soft cloth
• The use of harsh or abrasive cleaners may harm finish and will void the warranty

Not Included in Kit

• Wall Brackets (Z-BW2)

Adjustable Header Corner   Z-BHC373

For use with header when a corner is needed.
Includes: Mounting screw.
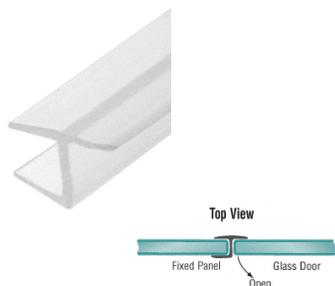Material: Solid Brass.

Standard Adaptor Block   Z-HAB01

CP
BN
MB
BG

Allows Standard Pivot Hinge (Z-3830 or Z-3820) to be mounted into header.
Includes: Mounting screw.
Material: Solid Brass.

Neo-Angle Shower Enclosure Example
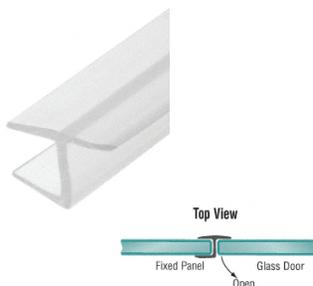
Inline 180° Side Seal Soft Leg For 3/8"
PS10

Snaps into Fixed Panel
Material: Polycarbonate
Stock Length: 98"
Glass Thickness: 3/8" (10mm)
Suggested Gap: 3/16" (5mm)
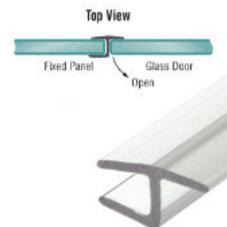
Inline 180° Side Seal Soft Leg for 1/2"
PS12

Snaps into Fixed Panel
Material: Polycarbonate
Stock Length: 98"
Glass Thickness: 1/2" (12mm)
Suggested Gap: 3/16" (5mm)

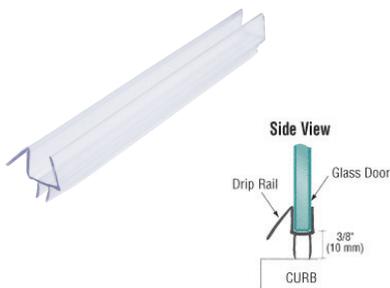## CRL Inline 180° Side Seal Hard Leg For 3/8"
P380HJ

Snaps into a fixed panel
Material: Polycarbonate
Stock Length: 95"
Glass Thickness: 3/8 (10mm)
Suggested Gap: 3/16" (5mm)
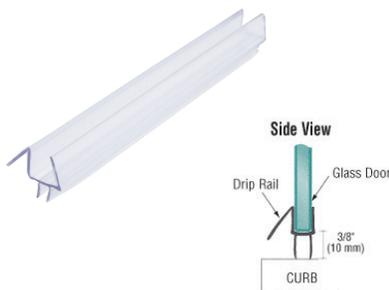
Bottom Wipe With Drip Rail For 3/8"
PB10

Snaps into bottom of door
Material: Polycarbonate
Stock Length: 98"
Glass Thickness: 3/8" (10mm)
Suggested Gap: 3/8" (10mm)

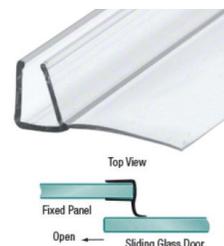## Bottom Wipe With Drip Rail For 1/2"
PB12

Snaps into bottom of door
Material: Polycarbonate
Stock Length: 98"
Glass Thickness: 1/2" (12mm)
Suggested Gap: 3/8" (10mm)

CRL 90° Finseal For 3/8"
PC1090

Ideal for use with sliding systems
Material: Polycarbonate
Stock Length: 95"
Glass Thickness: 3/8 (10mm)
Suggested Gap: 13/16" (20mm)

Bulb Seal For 3/8"
PR10

Snaps into a fixed panel or door
Material: Polycarbonate
Stock Length: 98"
Glass Thickness: 3/8" (10mm)
Suggested Gap: 1/4" (6mm)

Bulb Seal for 1/2
PR12

Allows doors to swing both in and out of the
enclosure if desired.
Material: Polycarbonate
Stock Length: 98"
Glass Thickness: 1/2" (12mm)
Suggested Gap: 1/4" (6mm)

CRL Threshold
SDT980CLR

Pack of 5 Pcs
Type Use: Installed as a threshold in shower
stalls to assist watershed back into the stall.
Soft contour won't harm bare feet.
Material: Polycarbonate
Stock Length: 95"

SLIDING
SHOWER DOORS

Century Sliding 180º Shower Door Kit

Century
Bypass Sliding Shower Door

The Century System is a very traditional sliding system which brings an elegant fully frameless shower enclosure. The hardware is made of Aluminium and both doors slide sideways.

Item #	Max Width	Height	Towel Bar	Type	Glass Included
V-10D6460	60"	64"	24"	Tub	Yes
V-10D7260	60"	72"	24"	Shower	Yes
V-10D7660	60"	76"	24"	Shower	Yes
Y-KD8072	72"	84"	24"	Custom	No

Available Finishes

PS BS MB

Care and Cleaning

• Use only mild detergent or warm soapy water applied with soft cloth for regular cleaning
• Always rinse well after cleaning and dry by blotting with a damp cloth
• The use of scouring pads gritty cloth and harsh abrasive cleaners should always be avoided

Glass Included

• 3/8" Tempered Glass
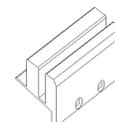
1 YEAR WARRANTY

Included

(1) Bottom Sill

(1) Header

(2) Side Jambs

(4) Top Hangers with wheels

(2) Towel Bars
24"

(1) Floor Guide

Denali Series Frameless Sliding Shower Door Kit

FHC
FRAMELESS HARDWARE COMPANY

Our popular Denali Series Frameless Sliding Shower Door Kit offers a modern, low profile design, that includes a rectangular header and round glass rollers. It's engineered for use with 3/8" (10mm) tempered glazing. Each top glass roller requires one 5/8" (16mm) diameter hole in the glass for proper mounting. Precision bearings and wheels also offer a quiet glide experience. One standard size fits most 180 degree inline applications. Our in stock 78" wide kits can be cut to size.

NOTE: Fixed glass panel hardware like u-channels or clamps are sold separately.

Available Finishes

PS BS MB SB

Glass Requirements

• 3/8" Tempered Glass

Specifications

• Material: Header Track and Hardware, (304 Stainless Steel)
• Glass Thickness: 5/16" to 3/8" (8 to 10mm) (Glass is not Included)
• Glass Fabrication: Each Included Glass Roller requires one 5/8" Diameter Hole; Each Included Fixed Panel Standoff Fitting requires one 1/2" Diameter Hole;
• Maximum Recommended Slider Weight: 90 lbs

Supplied With

(1) Multiway Door Guide

(2) Fixed Panel Standoff Fittings

(4) Glass Rollers

(1) Sliding Panel Stopper

(2) Wall Mount Fittings
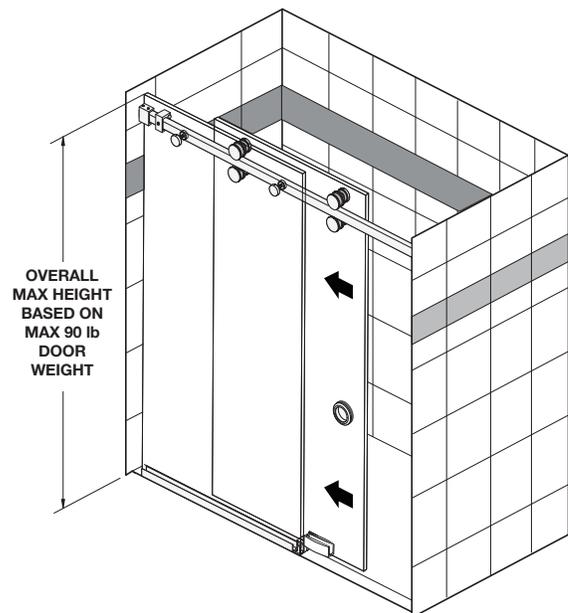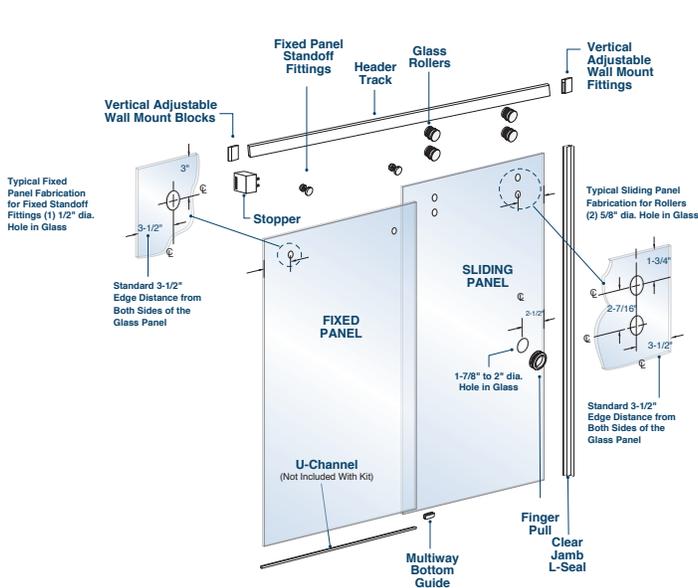

(1) Finger Pull

(1) Jamb L-Seal

(2) WALL Mounting Screws and Anchors

(1) Header Track

Denali Series Frameless Sliding Shower Door Kit

FHC
FRAMELESS HARDWARE COMPANY

GLASS ROLLERS

HEADER TRACK

VERTICAL ADJUSTABLE MOUNT FITTING

FIXED PANEL STANDOFF FITTINGS

OVERALL OPENING WIDTH

CUT HEADER TRACK LENGTH

3"

1-3/4"

2-7/16"

3"

1-1/4"

HEAD TRACK MOUNTING HEIGHT

3-1/2"

3-1/2"

NET FIXED PANEL GLASS HEIGHT

FIXED PANEL

SLIDING PANEL

FINGER PULL KNOB

NET SLIDING DOOR HEIGHT

SLIDING DOOR OVERLAPS FIXED PANEL 2"

2-1/2"

OVERALL HEIGHT

3/16" (5 MM) STANDARD GAP FOR U-CHANNEL

5/16" (8 MM) STANDARD GAP

1/8" (3 MM)

MULTIWAY DOOR GUIDE

1/8" (3 MM) STANDARD GAP BETWEEN SLIDING DOOR AND L-SEAL

Fixed Panel Standoff Fittings

Header Track

Glass Rollers

Vertical Adjustable Wall Mount Fittings

Vertical Adjustable Wall Mount Blocks

Typical Fixed Panel Fabrication for Fixed Standoff Fittings (1) 1/2" dia. Hole in Glass

3"

3-1/2"

Stopper

Typical Sliding Panel Fabrication for Rollers (2) 5/8" dia. Hole in Glass

Standard 3-1/2" Edge Distance from Both Sides of the Glass Panel

SLIDING PANEL

1-3/4"

2-7/16"

3-1/2"

FIXED PANEL

1-7/8" to 2" dia. Hole in Glass

Standard 3-1/2" Edge Distance from Both Sides of the Glass Panel

U-Channel
(Not Included With Kit)

Multiway Bottom Guide

Finger Pull

Clear Jamb L-Seal

OVERALL MAX HEIGHT BASED ON MAX 90 lb DOOR WEIGHT

Clearwater Series Frameless Sliding Shower Door Kit

FHC
FRAMELESS HARDWARE COMPANY

Our popular CLEARWATER Series Frameless Sliding Shower Door Kit offers a modern, low profile design, that includes a round header bar and round glass rollers. It's engineered for use with 3/8" (10mm) or 1/2" (12mm) tempered glazing. Each top glass roller requires one 5/8" (16mm) diameter hole in the glass for proper mounting. Precision bearings and wheels also offer a quiet glide experience.

One standard size fits most 180 degree inline applications. Our stock 78" wide kits can be cut to size.

NOTE: Fixed glass panel hardware including u-channels, and clamps are sold separately. Pull sold separately.

Available Finishes

PS   BS   MB   SB

Glass Requirements

• 3/8" Tempered Glass

Specifications

• Material: Header Track and Hardware
  (304 Stainless Steel)
• Glass Thickness: 3/8" or 1/2" (10 or 12 mm)
  (Glass is not Included)
• Glass Fabrication: Each Included Glass Roller
  requires one 5/8" Diameter Hole; Each
  included Fixed Panel Standoff Fitting requires
  one 5/8" Diameter Hole;
• Maximum Recommended Slider Weight: 100 lbs

Supplied With

(1) Header Track

(2) Wall Mount Fitting

(4) Glass Rollers

(1) Bottom Guide

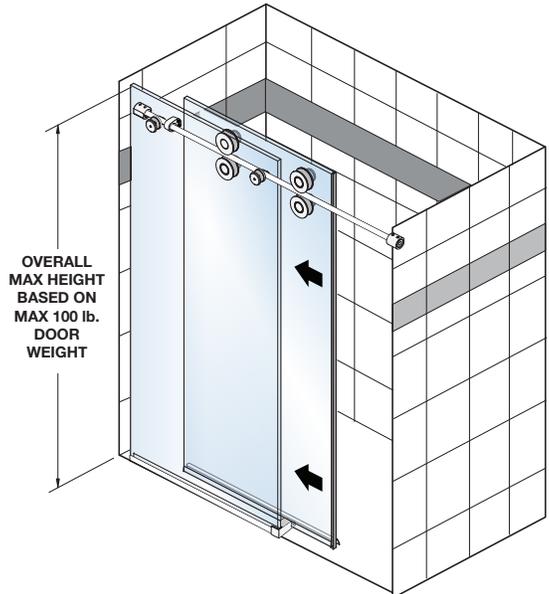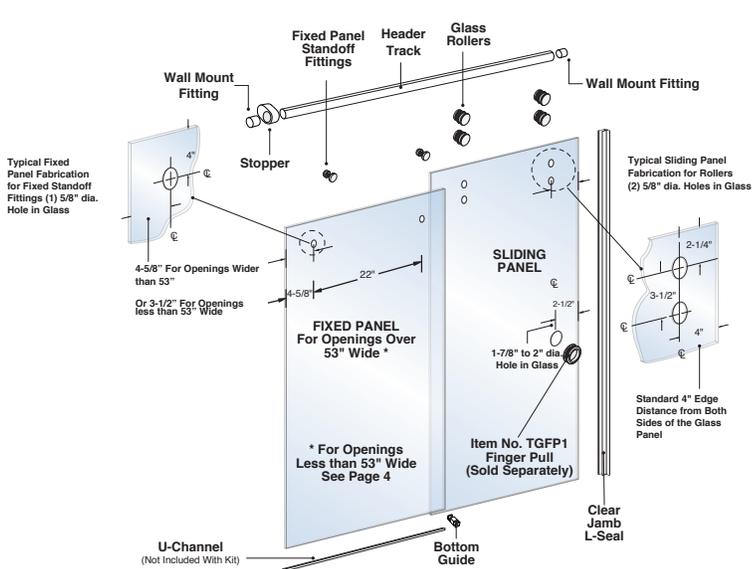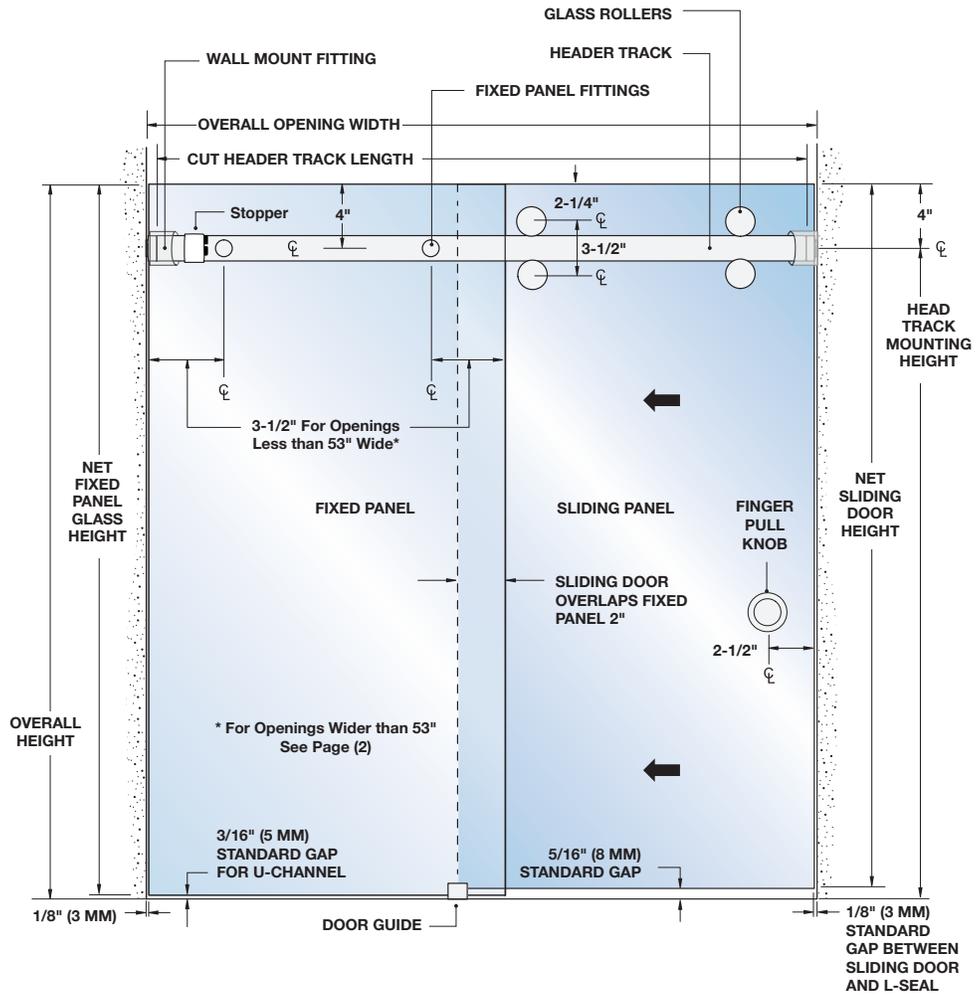(1) Sliding Panel Stopper

(2) Fixed Panel Fitting

(1 of each) Bottom Sweep with Drip Rail

(1) Jamb L-Seal

Clearwater Series Frameless Sliding Shower Door Kit

FHC
FRAMELESS HARDWARE COMPANY

GLASS ROLLERS
HEADER TRACK
WALL MOUNT FITTING
FIXED PANEL FITTINGS
OVERALL OPENING WIDTH
CUT HEADER TRACK LENGTH

Stopper 4" 2-1/4" 3-1/2" 4"

HEAD TRACK MOUNTING HEIGHT

3-1/2" For Openings Less than 53" Wide*

NET FIXED PANEL GLASS HEIGHT

FIXED PANEL   SLIDING PANEL   FINGER PULL KNOB

NET SLIDING DOOR HEIGHT

SLIDING DOOR OVERLAPS FIXED PANEL 2"

2-1/2"

OVERALL HEIGHT

* For Openings Wider than 53" See Page (2)

3/16" (5 MM) STANDARD GAP FOR U-CHANNEL

5/16" (8 MM) STANDARD GAP

1/8" (3 MM)   DOOR GUIDE   1/8" (3 MM) STANDARD GAP BETWEEN SLIDING DOOR AND L-SEAL

Fixed Panel Standoff Fittings   Header Track   Glass Rollers
Wall Mount Fitting   Wall Mount Fitting
Stopper

Typical Fixed Panel Fabrication for Fixed Standoff Fittings (1) 5/8" dia. Hole in Glass

Typical Sliding Panel Fabrication for Rollers (2) 5/8" dia. Holes in Glass

4-5/8" For Openings Wider than 53"
Or 3-1/2" For Openings less than 53" Wide

22" 4-5/8"

SLIDING PANEL

2-1/4" 3-1/2"

FIXED PANEL For Openings Over 53" Wide *

1-7/8" to 2" dia. Hole in Glass

Item No. TGFP1 Finger Pull (Sold Separately)

Standard 4" Edge Distance from Both Sides of the Glass Panel

* For Openings Less than 53" Wide See Page 4

Clear Jamb L-Seal

U-Channel (Not Included With Kit)   Bottom Guide

OVERALL MAX HEIGHT BASED ON MAX 100 lb. DOOR WEIGHT

Napa Series Frameless Sliding Shower Door Kit

FHC
FRAMELESS HARDWARE COMPANY

Our Popular Napa Series Frameless Sliding Shower Door Kits offer a low-profile header track and glass rollers that are designed and manufactured from heavy-duty durable stainless-steel. Each glass roller requires one 3/4" (19mm) diameter hole for proper mounting. Precision bearings and stainless-steel wheels also offer a quiet glide opening and closing operation. Another nice feature,this system can be installed in a wide range of shower applications from full standing shower enclosures or on top of bath tubs.

One standard size fit's most 180-degree bypass inline applications. Stock Available Size: 73" Wide Kit

Available Finishes

PS   BS   MB   SB

Glass Requirements

• 3/8" Tempered Glass

Specifications

• Material: Header Track and Hardware,
  (Stainless Steel)
• Glass Thickness: 3/8" (10mm)
  (Glass is not Included)
• Glass Fabrication: Each Included Glass Roller
  requires one 3/4" Diameter Hole; Two 1/2"
  Diameter Holes are required for Each Towel Bar
• Maximum Recommended Slider Weight: 90 lbs

Supplied With

(1) Header Track

(8) Glass Rollers

(2) Wall Mount Fitting

(1) Bottom Guide

(2) Sliding Panel Stopper

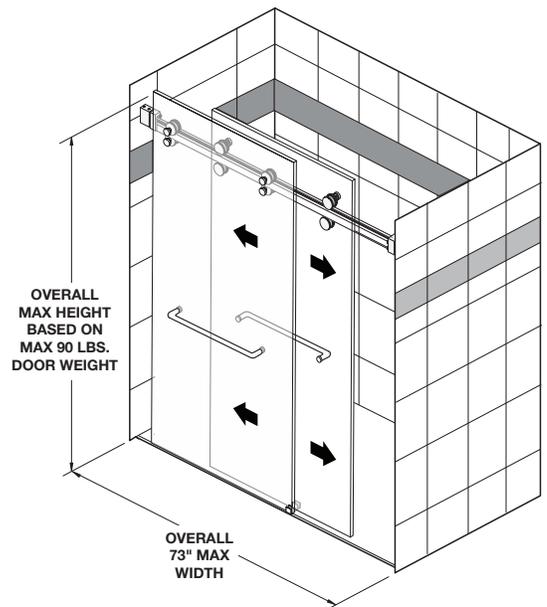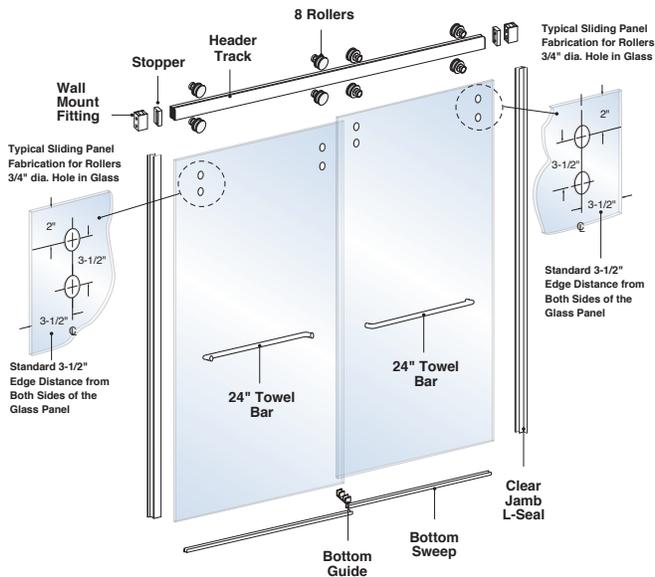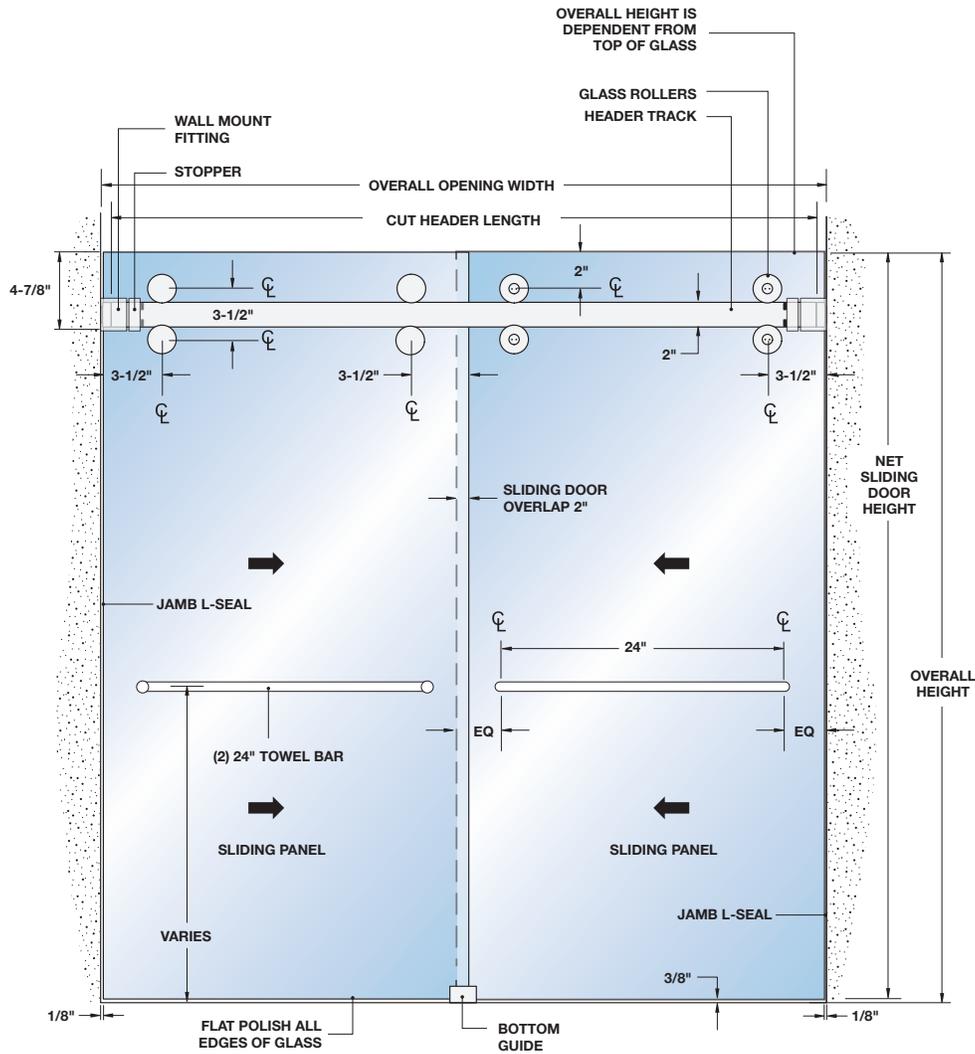(2) Bottom Sweep with Drip Rail

(2) Jamb L-Seal

(1) Tool Kit/Anchors

(2) 24" (610 mm) Single Sided Towel Bars

Napa Series Frameless Sliding Shower Door Kit

FHC
FRAMELESS HARDWARE COMPANY

OVERALL HEIGHT IS DEPENDENT FROM TOP OF GLASS

GLASS ROLLERS
HEADER TRACK

WALL MOUNT FITTING

STOPPER

OVERALL OPENING WIDTH

CUT HEADER LENGTH

4-7/8"

2"

3-1/2"

3-1/2"

3-1/2"

2"

3-1/2"

NET SLIDING DOOR HEIGHT

SLIDING DOOR OVERLAP 2"

JAMB L-SEAL

24"

OVERALL HEIGHT

(2) 24" TOWEL BAR

EQ

EQ

SLIDING PANEL

SLIDING PANEL

JAMB L-SEAL

VARIES

3/8"

1/8"

FLAT POLISH ALL EDGES OF GLASS

BOTTOM GUIDE

1/8"

---

8 Rollers

Header Track

Stopper

Typical Sliding Panel Fabrication for Rollers 3/4" dia. Hole in Glass

Wall Mount Fitting

Typical Sliding Panel Fabrication for Rollers 3/4" dia. Hole in Glass

2"

3-1/2"

3-1/2"

Standard 3-1/2" Edge Distance from Both Sides of the Glass Panel

2"

3-1/2"

3-1/2"

Standard 3-1/2" Edge Distance from Both Sides of the Glass Panel

24" Towel Bar

24" Towel Bar

Clear Jamb L-Seal

Bottom Guide

Bottom Sweep

OVERALL MAX HEIGHT BASED ON MAX 90 LBS. DOOR WEIGHT

OVERALL 73" MAX WIDTH

GLASS
RAILINGS

Garda Base Shoe System

ALUVETRO
LO SGUARDO OLTRE

Thanks to the use of frameless glass, these balustrades guarantee the highest level of clean lines in new construction, renovation and restoration projects: they are available with or without caprails. The system is designed to guarantee an easy and rapid assembly and an aesthetic result ideal for the world of contemporary architecture.

DP UP TO ± 70 psf | ✓ FLORIDA ZONE 4 | ✓ IMPACT LM / SM | ✓ MIAMI-DADE #20-0330.07

Available Finishes

SA | BS | DB

Glass Required

• 1/2" (12 mm) Tempered Glass

• 9/16" (13.52 mm) Laminated Tempered Glass
  (1/4" + 0.060" SGP + 3/8") / 6.6.4

• 13/16" (21.52 mm) Laminated Tempered Glass
  (3/8" + 0.060" SGP + 5/16") / 10.10.4

Parts Sold Individually

• See parts available in page 36

Surface Mount

Recessed Mount

MADE IN ITALY

2 YEAR WARRANTY

BASE SHOE RAILING

Pre-Drilled Base Shoe — RBS120D

Material: Aluminum
Length: 236" (6m)
48 Pre-drilled holes of 1/2" (12.5 mm)

Pre-Drilled Lateral Shoe — RLS240D

Material: Aluminum
Length: 236" (6m)
48 Pre-drilled holes of ½" (12.5 mm)

Adjustable Clamp

Glass Thickness	Code
1/2" (12mm) 9/16" (6.6.4)	RZ06
13/16" (10.10.4)	RZ10

Base Shoe Top Cladding 118" (3m) — RTC10

SA
BS

Material: Aluminum
Length: 118" (3m)

Base Shoe Cladding 118" (3m) — RC10

SA
BS
DB

Material: Aluminum
Length: 118" (3m)

Lateral Shoe Bottom Cladding 118" (3m) — RBC10

SA
BS
DB

Material: Aluminum
Length: 118" (3m)

Glazing Gasket for Cladding 100'

Glass Thickness	Code
1/2" (12 mm) 9/16" (6.6.4)	RG06X100BL
13/16" (10.10.4)	RG10X100BL

Screw-Bolt+ Anchor — PFM1411300

Material: Zinc
Substrate: Concrete
Size: 3/8" x 5"

Drain Block — BSDB38

3-1/4" (83 mm)
3" (76 mm)

Material: Aluminum
Thickness: 3/8" (10mm)

Gasket Gap Filler Strip — RGV1

Length: 12"
Fills gap between 2 pieces of glass

Mini Cap Rail — RCU120

SA
BS
DB

Material: Aluminum
Length: 118" (3m)
Glass Require: 13/16" (10.10.4) only
Use double face tape to mount on glass

Base Shoe End Cap — REC1

SA
BS
DB

Material: Aluminum
Includes: Mounting screw

Round End Cap — REC2

SA

Material: Aluminum
Includes: Mounting screw

Glazing Gasket for Round Cap Rail 100'

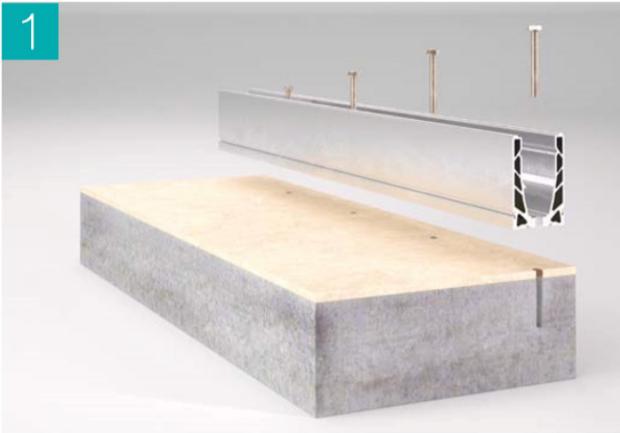| Glass Thickness	Code
1/2" (12mm) 9/16" (6.6.4)	RGC6
13/16" (10.10.4)	RGC10

Round 1.9" Cap Rail — RCR120

SA

Material: Aluminum
Length: 236" (6m)
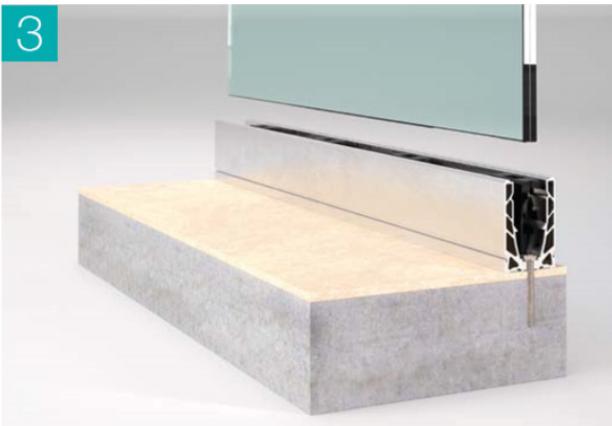Require: Glazing Gasket (RGC6 or RGC10)

Installation Steps

Drill the slab, position the profile and fix the screws.

Lay the clamps inside the profile every 10". Do not place the clamps on top of the anchor screw.
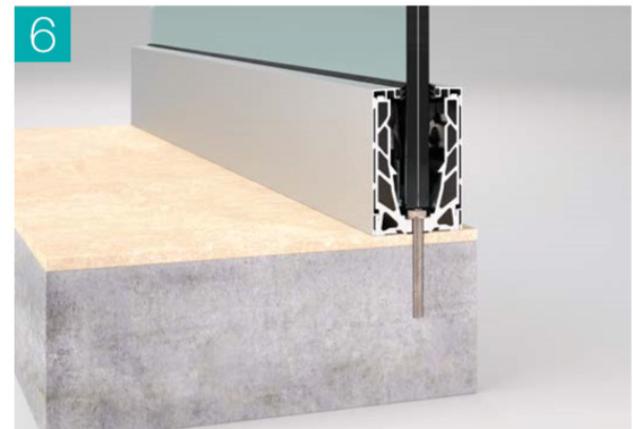

Insert the glass.

Adjust the inclination of the glass using the screws on the clamps with a 5/32" (4 mm) hex driver and tighten.

Snap the cladding in place, to which the seal has been previously inserted.
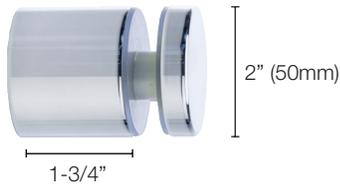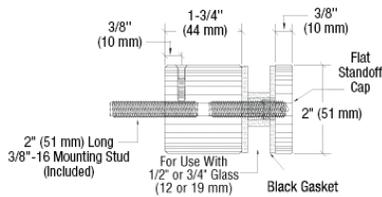

Installation Finished.
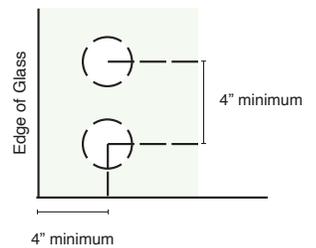
RAILING STANDOFFS

Standoff 2" — Z-RB2134

PS
BS
MB

2" (50mm)
1-3/4"

3/8" (10 mm)
1-3/4" (44 mm)
3/8" (10 mm)
Flat Standoff Cap
2" (51 mm)
2" (51 mm) Long 3/8"-16 Mounting Stud (Included)
For Use With 1/2" or 3/4" Glass (12 or 19 mm)
Black Gasket

Glass Requirements

- 1/2" (12mm) Tempered Glass
- 9/16" (13.52mm) Laminated Tempered Glass
- 3/4" (19mm) Tempered Glass

Specifications

- Includes: - Socket screw for Metal Substrate
           - Hanger bolt for Wood Substrate
- Material: Solid Stainless Steel 316
- Glass Fabrication: One 3/4" (19mm) Diameter Hole

Cares

- Can be cleaned with water and a soft cloth
- Use of harsh or abrasive cleaners may harm finish and will void the warranty

Edge of Glass
4" minimum
4" minimum

Standoff 1-1/2" — E004720163

BS

1-1/2" (40mm)
1-3/16"

Standoff Cap Wrench 2" — E4079650

2"

Use to tight the cap without damaging the Standoff

Standoff Cap Wrench 1-1/2" — E4079640

1-1/2"

Use to tight the cap without damaging the Standoff

Hand Rail Tube

E0016000

BS

Material: 316 Stainless Steel
Diameter: 1-11/16" (42mm)
Stock Length: 236" (6m)

Hand Rail Cap

E4100

BS

Designed for Hand Rail Tubing 1-11/16"(42mm)

Hand Rail Wall Support

E0223

BS

Designed for Hand Rail Tubing 1-11/16" (42mm)

Adjustable Hand Rail Glass Support

E004720172

BS

Designed for Hand Rail Tubing 1-11/16"(42mm)
To be used in 1/2" glass to 1-1/16" (25mm) glass
Hole Diameter Required: 3/4" (19mm)

Adjustable Strap Wrench

ASW12

Tool used for tightening cap and barrel in
standoffs without damaging finish.
Adjustable from 3/4" to 4" diameter.

Standoff for Wall/Countertop 1"

Z-SO25BS

BS

1"

1"

Glass Requirements

- 3/16" (5mm) Tempered Glass
- 1/4" (6mm) Tempered Glass
- 3/8" (10mm) Tempered Glass

Specifications

- Not for outdoor use
- Does not include anchor screw
- Material: Solid Stainless Steel 304
- Glass Fabrication: One 1/2" (12mm) Hole

Cares

- Can be cleaned with water and a soft cloth
- Use of harsh or abrasive cleaners may
  harm finish and will void the warranty

OFFICE PARTITIONS

All Glass Office/Storefront

Available Finishes

PS BS MB

This system is an excellent option for Storefronts and Office enclosures. Requires no cutting or digging the floor, nor an overhead header. Achieve an all glass partition with the minimal hardware.

Specifications

- Material: Stainless Steel 304
- Maximum Door Height: 102" (2590mm)
- Maximum Door Width: 39" (1000mm)
- Maximum Door Weight: 220 lbs (100kg)
- Open angle: 140º
- Door hold open: 90º
- Pivot Point: 2-9/16" (65mm)

Parts Sold Individually

Cares

- Can be cleaned with water and a soft cloth
- Use of harsh or abrasive cleaners may harm finish and will void the warranty
- Do not use power tools when installing or spray lubricant on this hinges

2 YEAR WARRANTY

Commercial Tubular Handle 12"
Z-CP12X12

PS
BS
MB

12"

Commercial Ladder Handle 24"
Z-LP24

PS
BS
MB

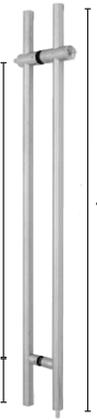12" 24"

Commercial Ladder Handle 36"
Z-LP36

PS
BS
MB

24" 36"

Locking Ladder Handle 48"
CML48

PS
BS
MB

36" 48"

6"

Includes key set and dust proof keeper
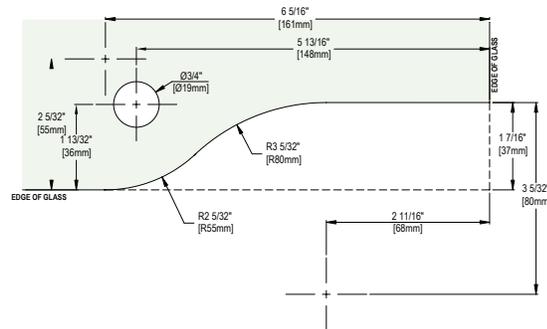Top Hole: 1-1/4" (32mm)
Bottom Hole: 5/8 (16mm)

Material: 1-1/4" (32mm) Tubular Stainless Steel 304
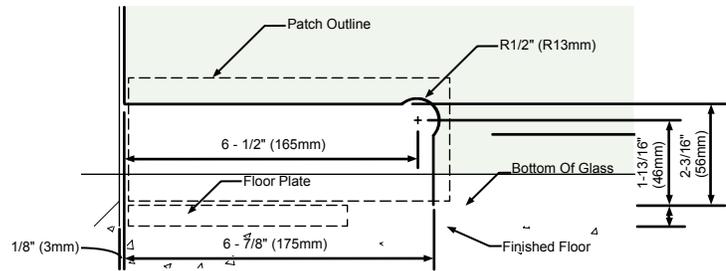Hole Diameter Required: 5/8" (15mm)

Hydraulic Patch Door Kit
PF2090

PS
BS
MB

Top Patch Cut-Out

6 5/16" [161mm]
5 13/16" [148mm]
Ø3/4" [Ø19mm]
2 5/32" [55mm]
1 13/32" [36mm]
R3 5/32" [R80mm]
EDGE OF GLASS
1 7/16" [37mm]
3 5/32" [80mm]
EDGE OF GLASS
R2 5/32" [R55mm]
2 11/16" [68mm]

Glass Requirements
• 3/8" (10 mm) Tempered Glass
• 1/2" (12 mm) Tempered Glass

Kit Includes
• Hydraulic Bottom Patch Fitting (380H)
• Top Patch Fitting (EUR201)
• Top Centre-Hung Free Swing Pivot (1NT401)
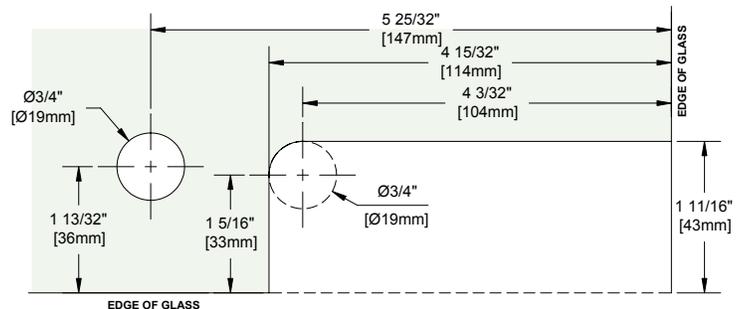• Top Patch Insert (1NT303)

Bottom Patch Cut-Out

Patch Outline
R1/2" (R13mm)
6 - 1/2" (165mm)
Floor Plate
Bottom Of Glass
1-13/16" (46mm)
2-3/16" (56mm)
1/8" (3mm)
6 - 7/8" (175mm)
Finished Floor

Patch Door Lock
PF205CT

PS
BS
MB

Can be mounted at the bottom of the door or on the side.
Includes key set and keeper.

5 25/32" [147mm]
4 15/32" [114mm]
4 3/32" [104mm]
EDGE OF GLASS
Ø3/4" [Ø19mm]
1 13/32" [36mm]
1 5/16" [33mm]
Ø3/4" [Ø19mm]
1 11/16" [43mm]
EDGE OF GLASS

Commercial U-Channel 1" UC10X120

BA
BS
MB

1/8" (3mm)
3/4" (19mm)
1" (25mm)

Material: Aluminum
Length: 120"

Commercial U-Channel 1-1/2" UC15X120

BA
BS
MB

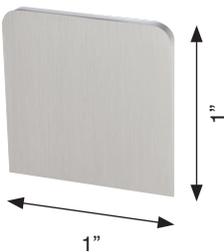1/8" (3mm)
3/4" (19mm)
1-1/2" (38mm)

Glass Requirements

• 3/8" (10mm) Tempered Glass
• 3/8" (10.38mm) Laminated Glass
• 1/2" (12mm) Tempered Glass
• 1/2" (12.76mm) Laminated Glass
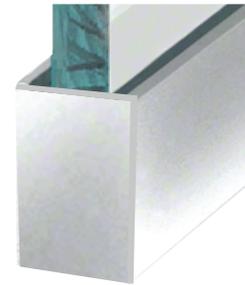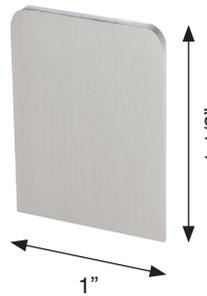• 3/4" (19mm) Tempered Glass

End Cap For U-Channel 1" UC10EC

BA
BS
MB

1"
1"

Material: Aluminum

End Cap For U-Channel 1-1/2" UC15EC

BA
BS
MB

1-1/2"
1"

Roll-in Glazing Gasket RG38100

Dry glaze installation for 3/8" Glass
Length: 100'
Material: Vynil
Color: Black

Roll-in Glazing Gasket RG12100

Dry glaze installation for 1/2" Glass
Length: 100'
Material: Vynil
Color: Black

Gasket Roller Tool VR10

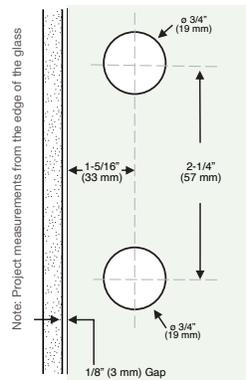Snaps glazing gasket into u-channel

Neoprene Setting Block SB565

For use inside commercial u-channel
Dimensions: 1/2" x 1/2" x 2"
Material: Neoprene

Extra Heavy-Duty Wall Mount Bracket Z-3100

CP
BN
MB

3-1/2"
2-1/8"

Material: Solid Brass

Note: Project measurements from the edge of the glass

ø 3/4" (19 mm)
1-5/16" (33 mm)
2-1/4" (57 mm)
ø 3/4" (19 mm)
1/8" (3 mm) Gap

Glass Requirements

• 3/8" (10mm) Tempered Glass
• 1/2" (12mm) Tempered Glass
• 9/16" (13.52mm) Laminated Tempered

Lacrosse Barn Door Kit
LAK96

Lacrosse
Barn Style Sliding Doors

The Lacrosse Series Wall Mount Single Slider Kit contains all the components you will need (except the glass) to complete this style of installation. This model is used in applications where you are attaching a single sliding door to the inside face of a sufficiently reinforced wall. Suitable for offices, closets, storefronts or other commercial entrances.

Supplied With

(2) Track Rollers

98" (2.5m)
1"Ø
(1) Tube

(2) Track Holder Fitting

(1) Botton Guide

(2) Stoppers

(2) End Caps

Available Finishes

PS   BS

Features

• Material: Stainless Steel 316
• Application: Single Glass Door
• Installation: Surface mounted
• Max Door Weight: 200 lbs (90Kg)
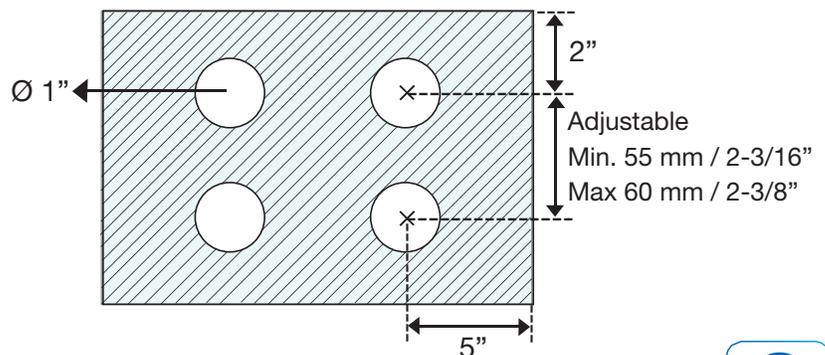• Max Door Width: 48" (1200mm)

Glass Required

• 3/8" (10mm) Tempered Glass
• 1/2" (12mm) Tempered Glass
• 9/16" (13.52mm) Tempered Laminated Glass

Not Included

• Tempered Glass
• Handle

Fabrication Instructions

Ø 1"

2"

Adjustable
Min. 55 mm / 2-3/16"
Max 60 mm / 2-3/8"

5"

Metal Fabrication

Holes on the track should be made during installation.

2 YEAR WARRANTY

WE EXPORT

Focused on the Caribbean, Interglass is able to satisfy all the glass or mirror needs by delivering small shipments (LCL) to freight forwarders in any of the South Florida ports or deliver direct (Door to Port) full container loads to almost all the islands, as well as Central or South America. We are able to load full 20' containers (close or open top) with combined glass types. We assemble our own custom wood crates with A-Frames in-house; strong enough to protect the glass inside and forklift-friendly so that freight forwarders can consolidate into containers.

Wood Crates with A-Frame Legs Example

SAVANNAH, GA

2367A Tremont Rd. #100
Savannah, GA 31405

HOUSTON, TX

10355 Deer Trail Dr
Houston, TX 77038

MIAMI, FL

8150 NW 64TH St.
Miami, FL 33166

Houston, TX

Savannah, GA

Miami, FL

INTERGLASS

(800) 576-6044 | sales@interglassusa.com

interglasscorp   interglasscorp   interglass-corp

www.interglassusa.com

NGA
National Glass Association