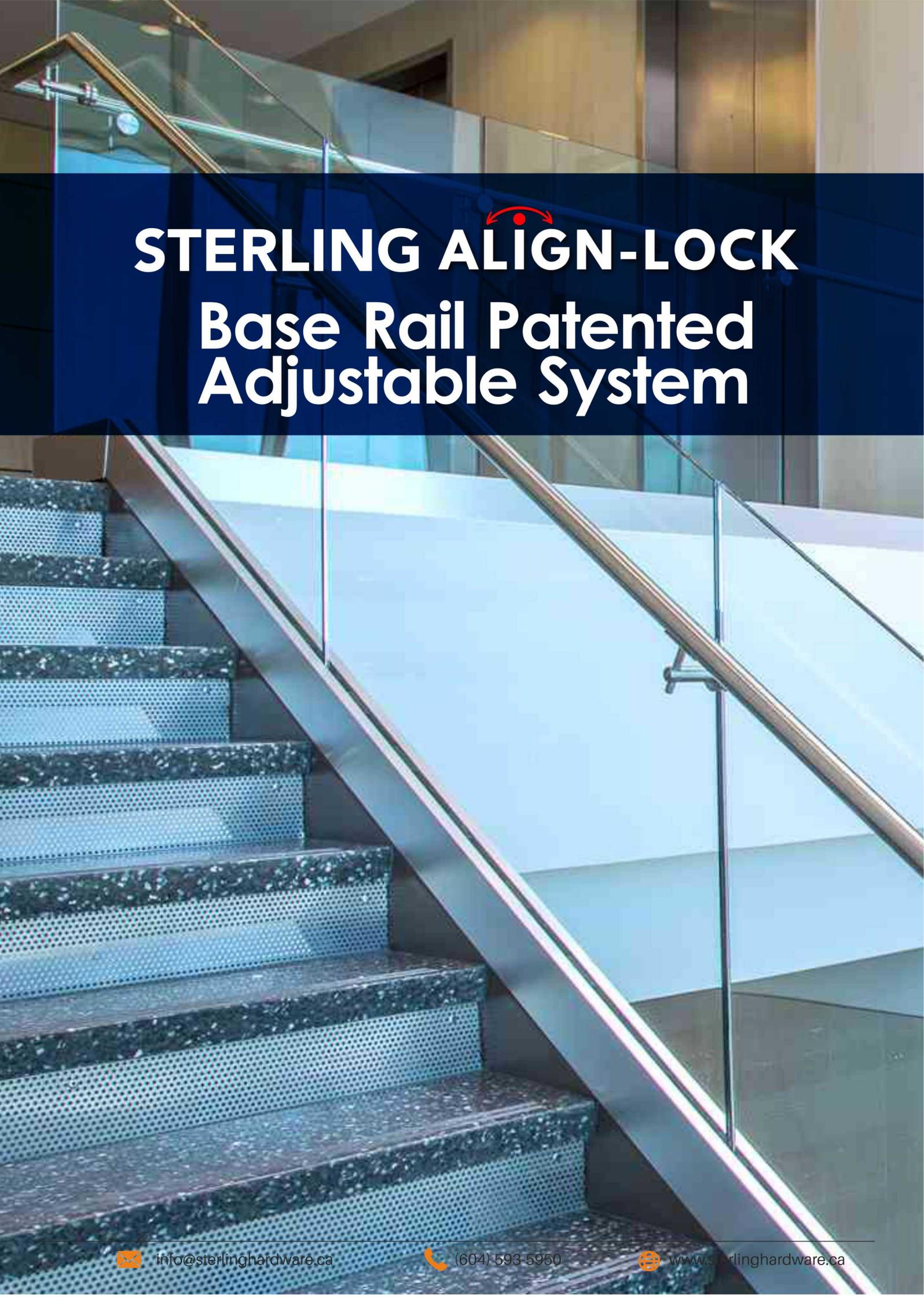




ALIGN-LOCK

ARCHITECTURAL HARDWARE CATALOGUE



STERLING ALIGN-LOCK

Base Rail Patented Adjustable System

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SIDE FIXED STAND-OFF RANGE

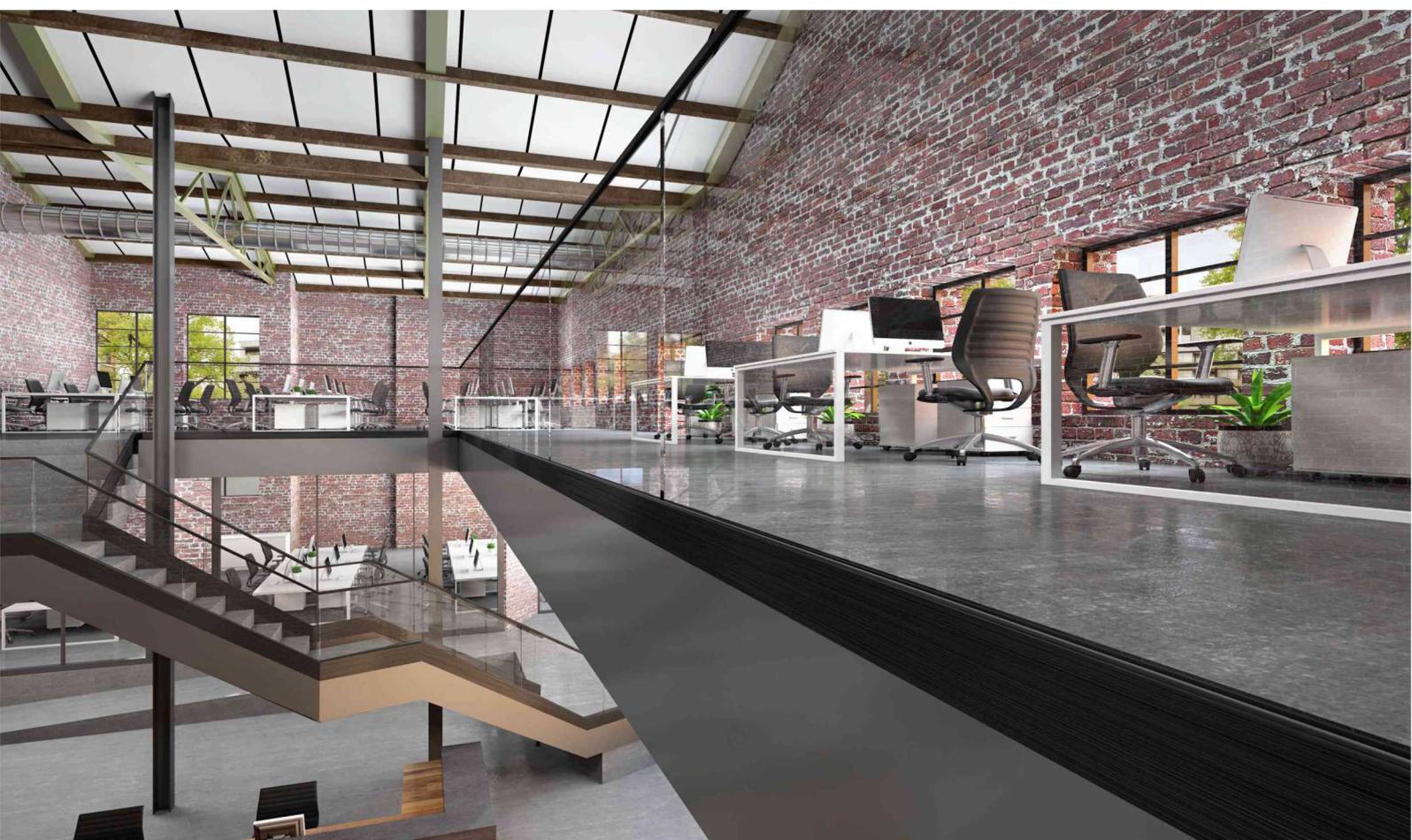
Side Fixed Stand-off Range	30
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ALIGN-LOCK

Base Rail Patented Adjustable System

With Aluminum And Stainless Steel Cover

- High strength pure aluminum construction
- Available in silver brush anodized and black matt anodized finishes
- Available in top, side fixed and recessed applications
- Faster easier installation
- Patented rotating pressure plate system
- Perfect alignment everytime
- 30 mm tilt adjustment back and forward
- Tilt adjustment from one side
- Available ready to install with predrilled holes
- All concealed fixings
- Fully engineered



ALL ADJUSTMENT FROM ONE SIDE TO ACHIEVE PERFECT ALIGNMENT

Align the glass by adjusting the top and bottom nut, loosen the bottom and tighten the top nut to tilt the glass back and the reverse to tilt the glass forward with up to 30mm of adjustment.

This will allow the alignment of the glass by up to 3 times faster than other systems.



Up to 30mm tilt adjustment back & forward

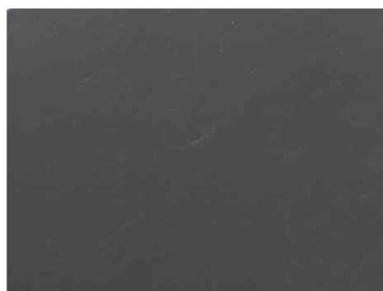


A VARIETY OF FINISHES

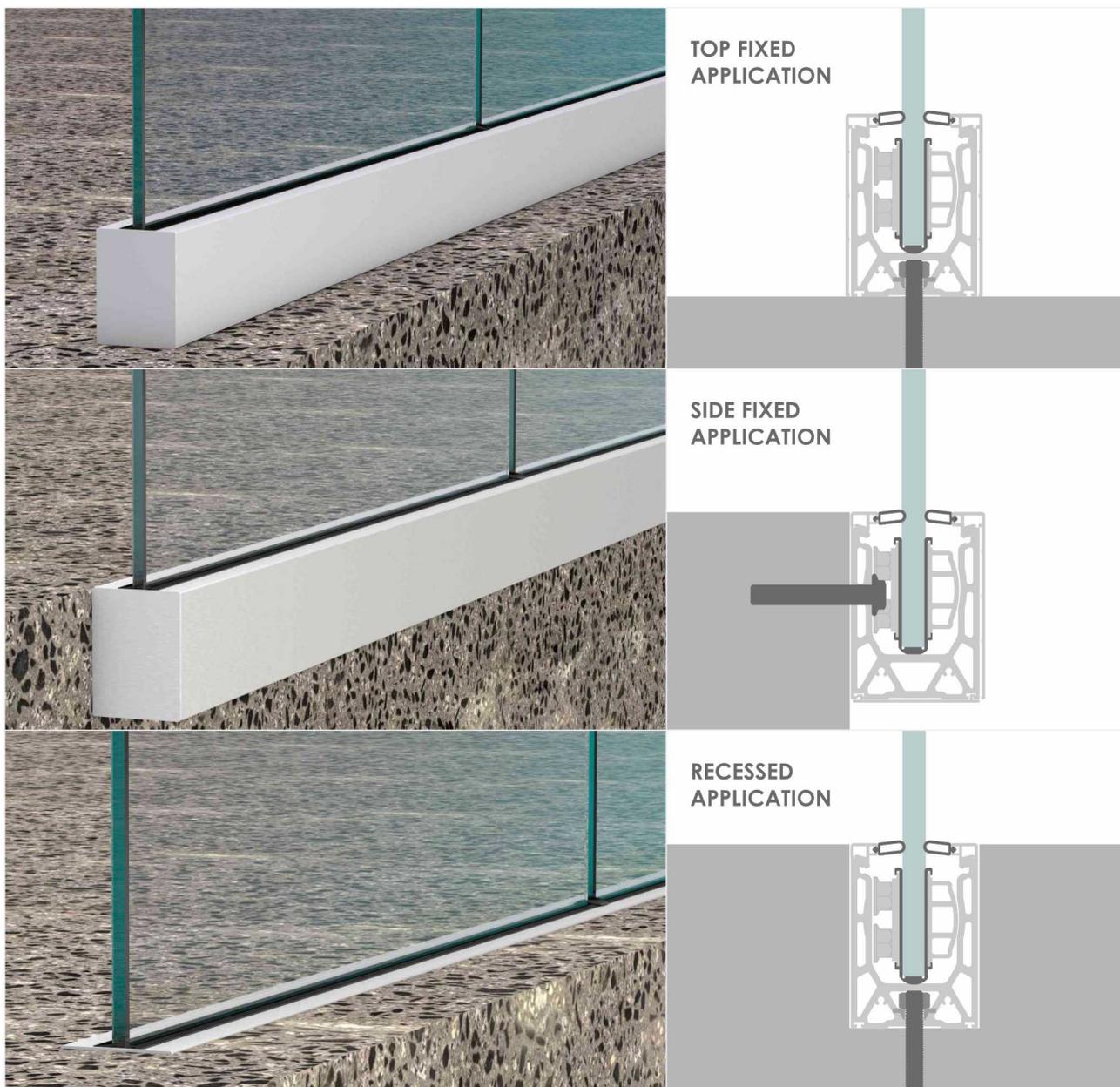
- Silver brushed anodized



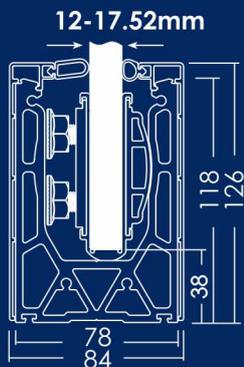
- Black matt anodized



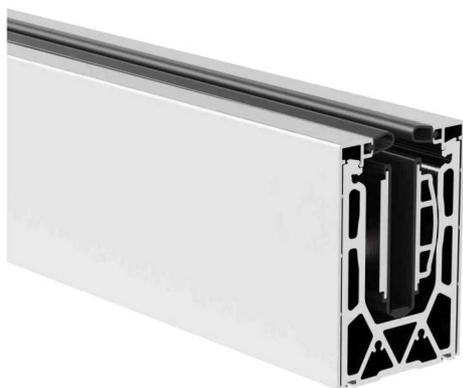
BASE RAIL INSTALLATION APPLICATIONS



16178 ALIGN-LOCK BASE RAIL

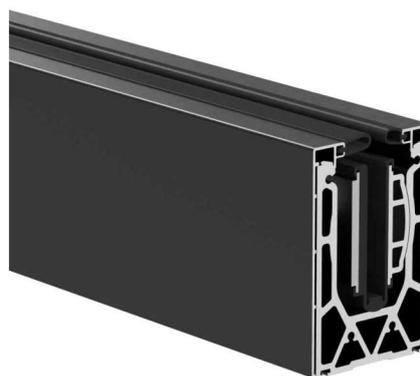


- **Material:** High strength pure aluminum construction
- **Finish:** silver brush anodized and black matt anodized
- Standard 5800mm length, any length available
- Suitable for glass from **12-17.52mm** thickness
- Glass height 38mm above ground level



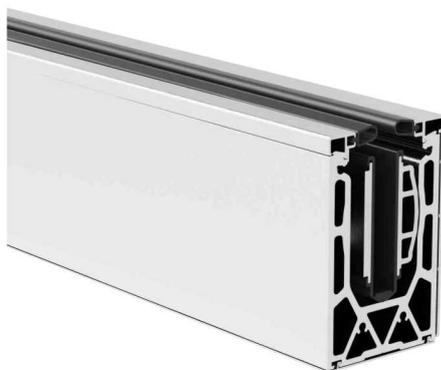
16178 TOP FIXED MODEL

- 2*long covers
- Silver brush anodized



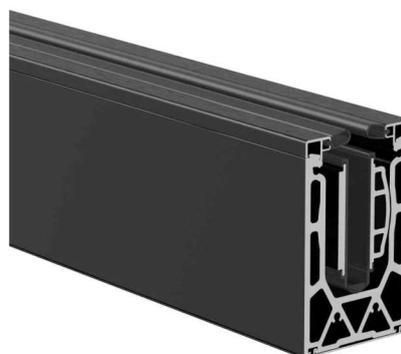
16178 TOP FIXED MODEL

- 2*long covers
- Black matt anodized



16178 SIDE FIXED MODEL

- 1*long cover, 1*top cover & 1*bottom cover
- Silver brush anodized



16178 SIDE FIXED MODEL

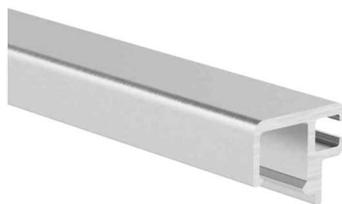
- 1*long cover, 1*top cover & 1*bottom cover
- Black matt anodized

16178 ALIGN-LOCK BASE RAIL ACCESSORIES

Available in silver brush anodized and black matt anodized finishes



16178-LC
Aluminum Long Cover



16178-TC
Aluminum Top Cover



16178-BC
Aluminum Bottom Cover



Glass Grip and Rubber

- 16178-15C** (14.28/15mm Glass)
- 16178-17.5C** (16.76/17.52mm Glass)
- 16178-19C** (19mm Glass)



End Cap

- 16178-ECT** (AL, Top fix)
- 16178-FCS** (AL, Side fix)



16178-PIN
Joining Pin



16178-W
Stabilizing Washer



16178-R
Between Glass Rubber

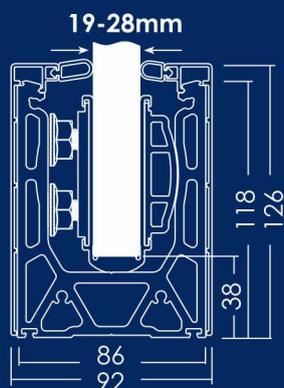


16178-TA
QUICK-LOCK
Ratchet Spanner

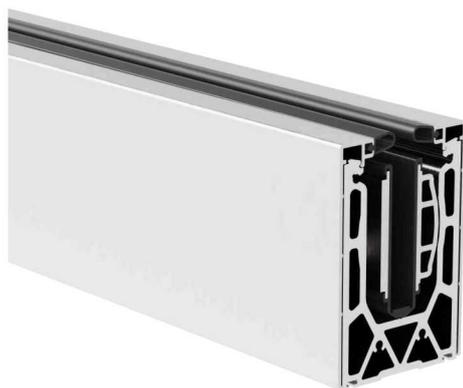


16178-TB
CROOKED
SPANNER

16186 ALIGN-LOCK BASE RAIL

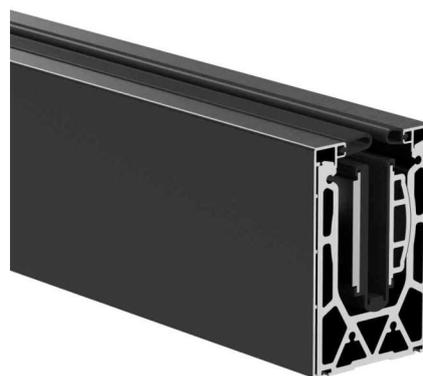


- **Material:** High strength pure aluminum construction
- **Finish:** silver brush anodized and black matt anodized
- Standard 5800mm length, any length available
- Suitable for glass from **19-28mm** thickness
- Glass height 38mm above ground level



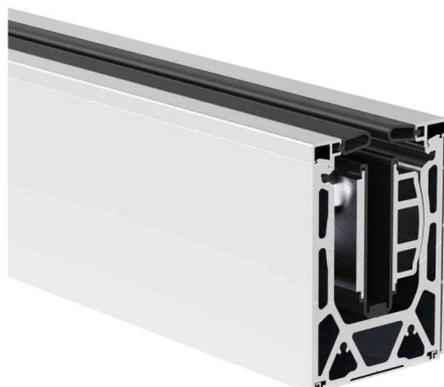
16186 TOP FIXED MODEL

- 2*long covers
- Silver brush anodized



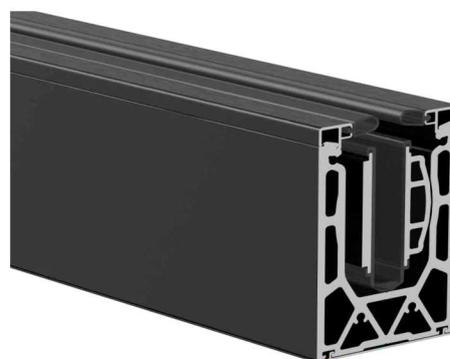
16186 TOP FIXED MODEL

- 2*long covers
- Black matt anodized



16186 SIDE FIXED MODEL

- 1*long cover, 1*top cover & 1*bottom cover
- Silver brush anodized

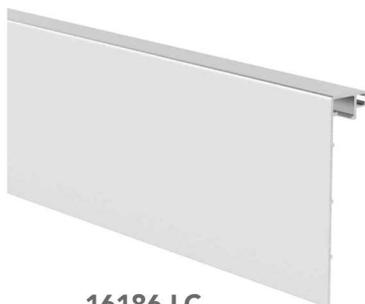


16186 SIDE FIXED MODEL

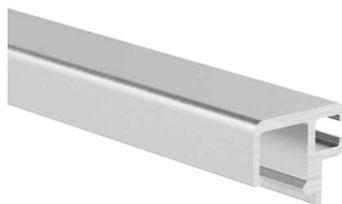
- 1*long cover, 1*top cover & 1*bottom cover
- Black matt anodized

16186 ALIGN-LOCK BASE RAIL ACCESSORIES

Available in silver brush anodized and black matt anodized finishes



16186-LC
Aluminum Long Cover



16186-TC
Aluminum Top Cover



16186-BC
Aluminum Bottom Cover



Glass Grip and Rubber

- 16186-21** (19-21.52mm Glass)
- 16186-25** (24.76/25.52/26.52mm Glass)
- 16186-28** (28mm Glass)



End Cap

- 16186-ECT** (AL, Top fix)
- 16186-FCS** (AL, Side fix)



16186-PIN
Joining Pin



16186-W
Stabilizing Washer



16186-R
Between Glass Rubber



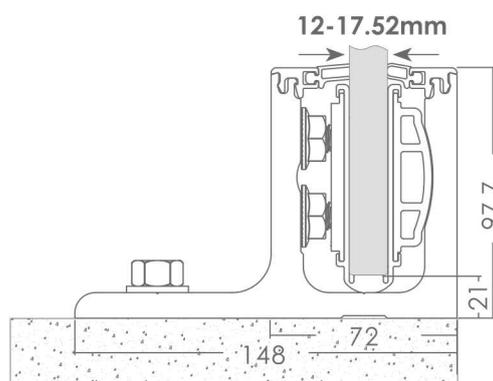
16186-TA
QUICK-LOCK
Ratchet Spanner



16186-TB
CROOKED
SPANNER

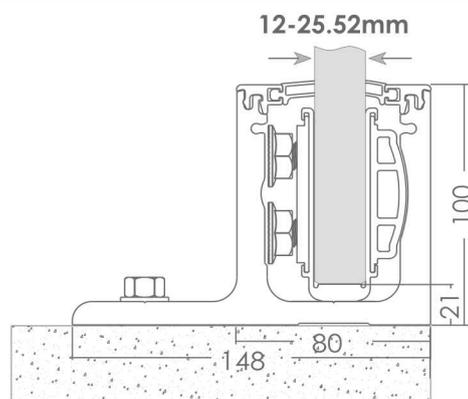
16168L ALIGN-LOCK BASE RAIL

- Available in top fixed applications
- **Material:** High strength pure aluminum construction
- **Finish:** silver brush anodized and black matt anodized
- Standard 5800mm length, any length available
- Suitable for glass from **12-17.52mm** thickness
- Glass height 21mm above ground level



16180L ALIGN-LOCK BASE RAIL

- Available in top fixed applications
- **Material:** High strength pure aluminum construction
- **Finish:** silver brush anodized and black matt anodized
- Standard 5800mm length, any length available
- Suitable for glass from **12-25.52mm** thickness
- Glass height 21mm above ground level



ALIGN-LOCK Curved Base Rail System

Curved Channels Are Custom Ordered To Suit All Projects And Applications With Custom Glass Grips





Hotel, libraries,
museums,
airport terminals,
residences
and apartment
buildings



info@sterlinghardware.ca



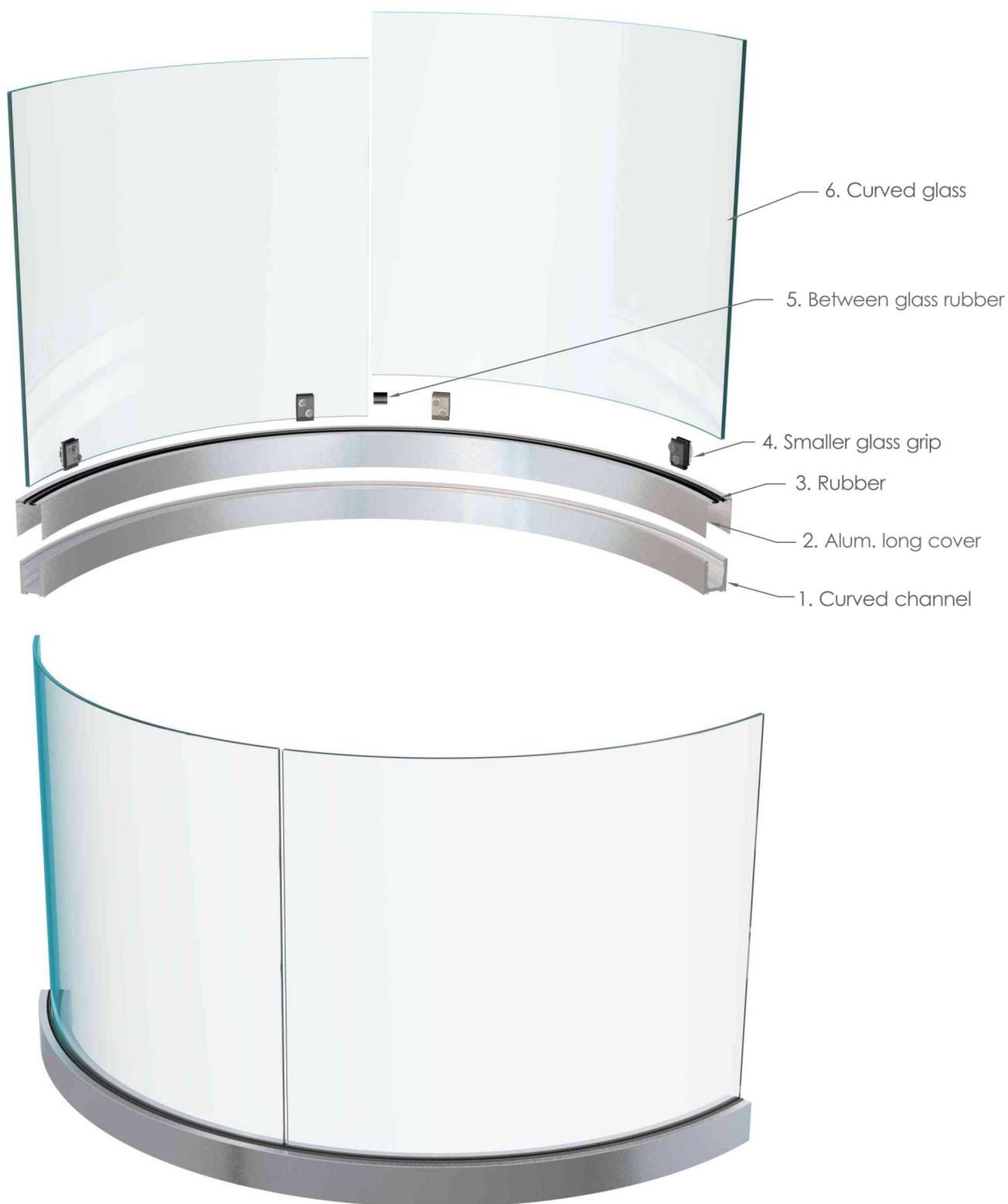
(604) 593-5950



www.sterlinghardware.ca

16176 CURVED BASE RAIL SYSTEM

Curved channels are custom ordered to suit all projects and applications with custom glass grips



16176 CURVED BASE RAIL SYSTEM

Curved channels are custom ordered to suit all projects and applications with custom glass grips



- Curved base rail with the smaller glass grip
- Custom sizes of curve base rail available to suit any job or application
- Minimum radius is 950mm

16176 SMALLER GLASS GRIP

- 50mm length, for curved adjustable base rail



ARCHITECT FRIENDLY
INNOVATIVE PRODUCT

Unique Aluminum Handrail Systems

Complements our ALIGN-LOCK base rail



Hotel, libraries,
museums,
airport terminals,
residences
and apartment
buildings



Unique Aluminum Handrail Systems



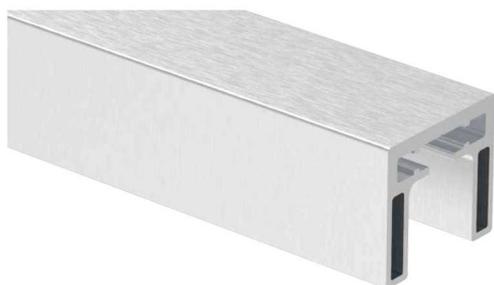
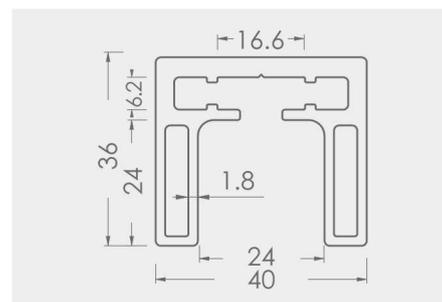
Complements our ALIGN-LOCK base rail

- Aluminum construction 6063 standard grade, 5082, 6106 and other higher strength grades are available
- Available in silver brush anodized and black matt anodized finishes
- Suitable for **12-21.52mm** glass with optional rubbers
- Standard 5800mm length, any length available
- No welding required using Tubeloc 2680 retaining compound
- Complements our ALIGN-LOCK base rail



14035 ALUMINUM HANDRAIL SYSTEM

- High strength pure aluminum construction
- Available in silver brush anodized and black matt anodized finishes
- Suitable for **12-21.52mm** glass with optional rubbers
- Standard 5800mm length, any length available



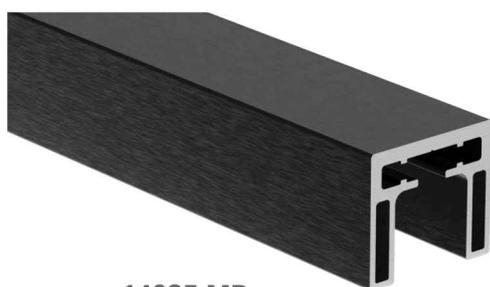
14035-BN
Handrail
Silver brush anodized



14035-1-BN
End cap
Silver brush anodized



14035-2-BN
Wall bracket
Silver brush anodized



14035-MB
Handrail
Black matt anodized



14035-1-MB
End cap
Black matt anodized



14035-2-MB
Wall bracket
Black matt anodized



14035-3-180
180° joiner



14035-4-90
90° joiner



14035-5-HADJ
Adjustable horizontal joiner



14035-6-VADJ
Adjustable vertical joiner



- 15035-G12** Rubber for 12-12.76mm glass
- 15035-G15** Rubber for 13-15mm glass
- 15035-G17** Rubber for 15-17.52mm glass
- 15035-G19** Rubber for 19mm glass
- 15035-G21** Rubber for 20.76-21.52mm glass



65001
Retaining compound

A small red icon showing a curved arrow above a red dot, indicating adjustability.

ALIGN-LOCK ADJUSTABLE GLASS MOUNTING SYSTEMS

2205 Duplex - Superior Strength, Superior Corrosion Resistance



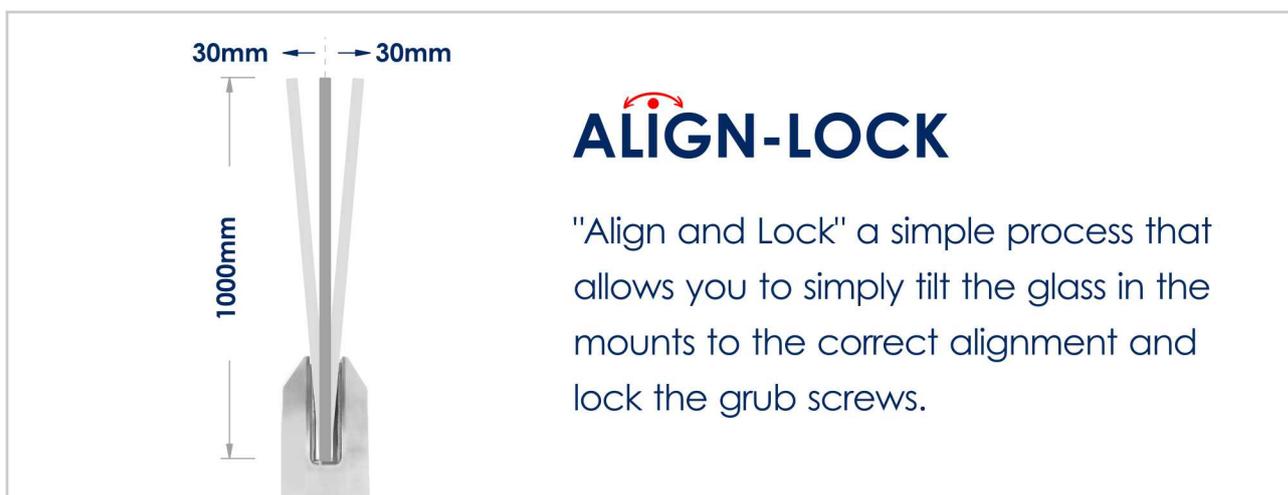
ALIGN-LOCK ADJUSTABLE GLASS MOUNTING SYSTEMS

2205 Duplex - Superior Strength, Superior Corrosion Resistance

- All adjustments can be achieved from one side
- Allows for glass to be tilted 30mm back or forward
- **Duplex 2205 Higher Strength Ultra Marine Stainless Steel for more than DOUBLE THE YIELD STRENGTH and SUPERIOR CORROSION RESISTANCE THAN 316L**
- Available in satin, powder coat black matt
- Fully engineer tested
- Available in models to suit glass from **12-25.52mm**
- Suitable for use with SGP
- Top mounting, center concealed mounting, inground, side mounting and edge mounting models

ALIGN AND LOCK

All adjustments can be achieved from one side



ALIGN-LOCK SQUARE BASED PLATE SPIGOTS

- **SQUARE BASED PLATE MODELS**
- Material: 2205 duplex stainless steel
- Finish: satin, powder coat black matt
- **NO HOLES IN GLASS**
- Threaded fixing size: M10, 3/8

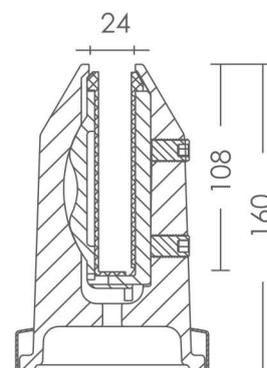
SQUARE BASED PLATE MODEL Suitable for 12-17.52mm glass



20902-BN
Satin



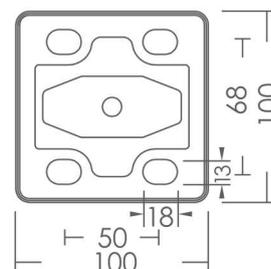
20902-MB
Powder Coat Black Matt



Satin



Powder Coat Black Matt



ALIGN-LOCK SQUARE BASED PLATE SPIGOTS

- **SQUARE BASED PLATE MODELS**
- Material: 2205 duplex stainless steel
- Finish: satin, powder coat black matt
- **NO HOLES IN GLASS**
- Threaded fixing size: M10, 3/8

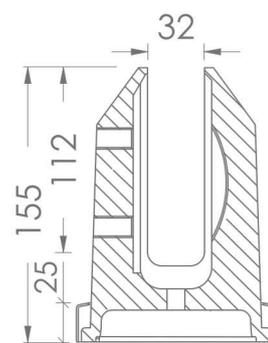
SQUARE BASED PLATE MODEL Suitable for 19-17.52mm glass



20903-BN
Satin



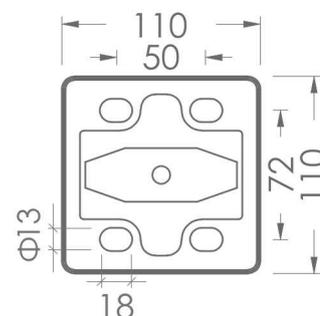
20903-MB
Powder Coat Black Matt



Satin



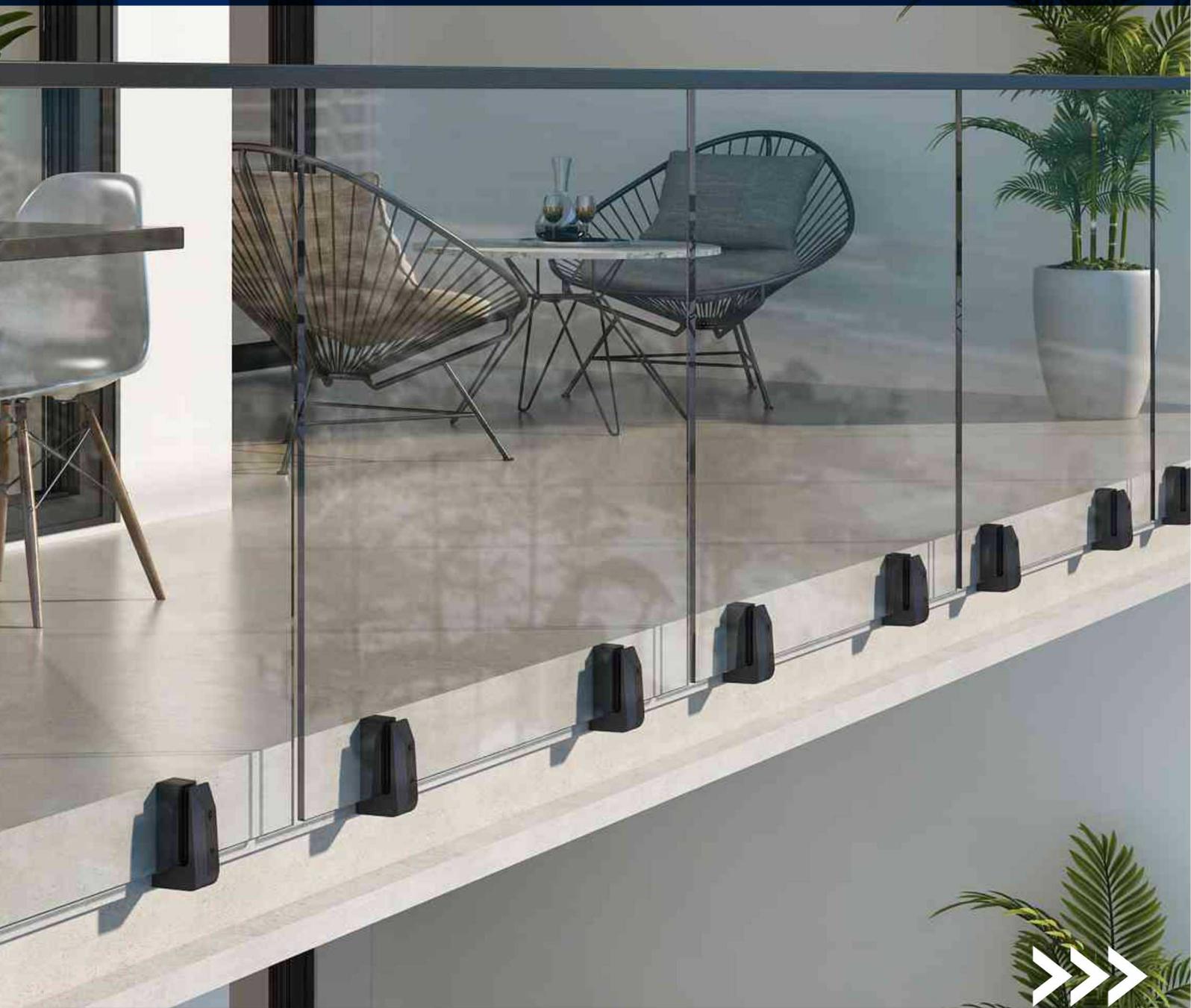
Powder Coat Black Matt



ALIGN-LOCK

Side Fixed Premium Range

Adjustable - Bigger spans - Higher Loads



ALIGN-LOCK

HIGH STRENGTH SIDE MOUNTING SPIGOTS

- Side mounting models
- Material: 2205 duplex stainless steel
- Finish: satin, powder coat black matt
- NO HOLES IN GLASS**
- Include 2*M12 special mounting nuts
- Include shorten allen key
- Special socket available to suit M12 nuts

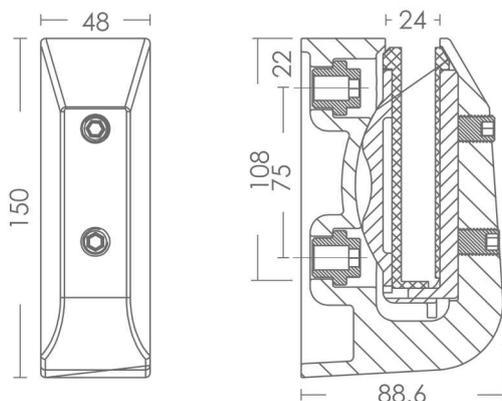
HIGH STRENGTH SIDE FIXED MODEL Suitable for 12-17.52mm glass



20903-BN
Satin



20903-MB
Powder Coat Black Matt



TLSF-SN (Included)
Side fixed support nut for M12 rod



TLSH-SNT(Optional)
Special socket



TLSF-AK(Included)
Shorten allen key

ALIGN-LOCK EDGE MOUNTING SYSTEM

The Edge Mounting Systems provide a space saving solution and an option where waterproof membranes are an issue. Installation is also made easier as the glass is installed from the inside.

- **EDGE MOUNTING MODELS**
- Material: 2205 duplex stainless steel
- Finish: satin, powder coat black matt
- **NO HOLES IN GLASS**
- Deck bracket for stronger installation option

EDGE MOUNTING MODEL

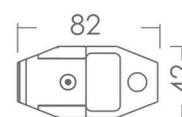
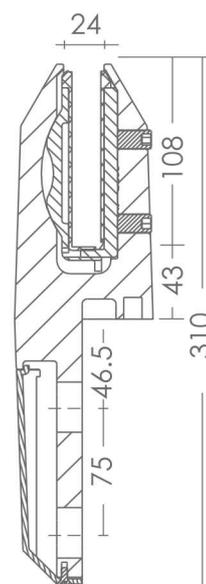
Suitable for 12-17.52mm glass



20906-BN
Satin



20906-MB
Powder Coat Black Matt



Stiffener Systems

Premium glass strengthening system

2205 MARINE GRADE



ULTRA SLIM 2205 FRAMELESS STIFFENER SYSTEMS

- The slimmer frameless panel support system
- 4 models suit **10mm to 21.52mm** glass
- Available in **2205** for more than **DOUBLE THE STRENGTH** and **SUPERIOR CORROSION RESISTANCE** than 316
- Available in satin and powder coat black matt

WALL BRACKET STIFFENER

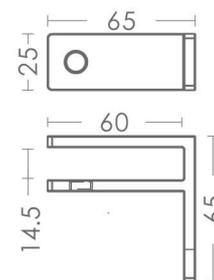
Wall to Glass, for 10-12.76mm Glass



10105-BN
Satin



10105-MB
Powder Coat Black Matt



90 ° STIFFENER

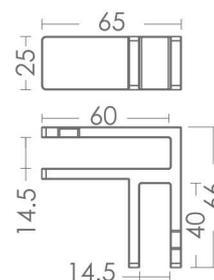
Glass to Glass, for 10-12.76mm Glass



10108-BN
Satin



10108-MB
Powder Coat Black Matt



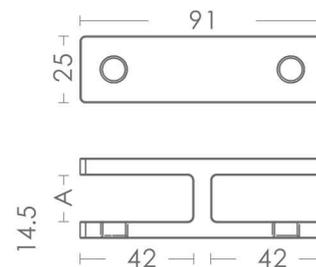
180 ° STIFFENER Glass to Glass, for 10-12.76mm Glass



10107-BN
Satin



10107-MB
Powder Coat Black Matt



ADJUSTABLE STIFFENER Glass to Glass, for 10-12.76mm Glass

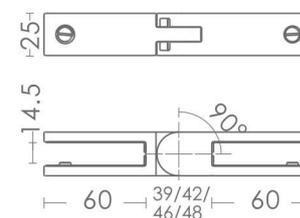
- The adjustment can be from 90° -180°, slide and rotate



10106-BN
Satin



10106-MB
Powder Coat Black Matt



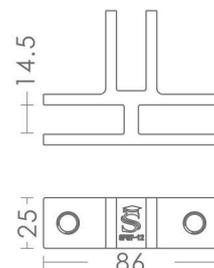
THREE-WAY STIFFENER Glass to Glass, for 10-12.76mm Glass



10104-BN
Satin



10104-MB
Powder Coat Black Matt



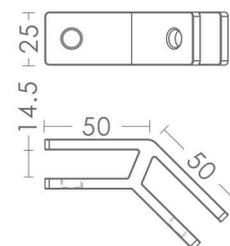
135 ° STIFFENER Glass to Glass, for 10-12.76mm Glass



10103-BN
Satin



10103-MB
Powder Coat Black Matt



Side Fixed Stand-off Range

Worlds fastest through glass adjustment

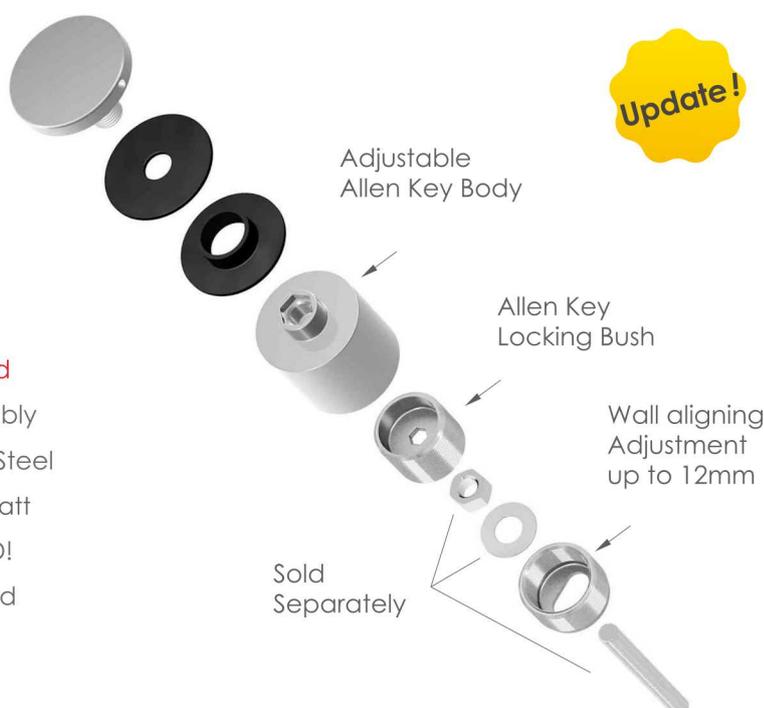
QUICK-LOCK



QUICK-LOCK THROUGH GLASS ADJUSTABLE STAND OFF PINS

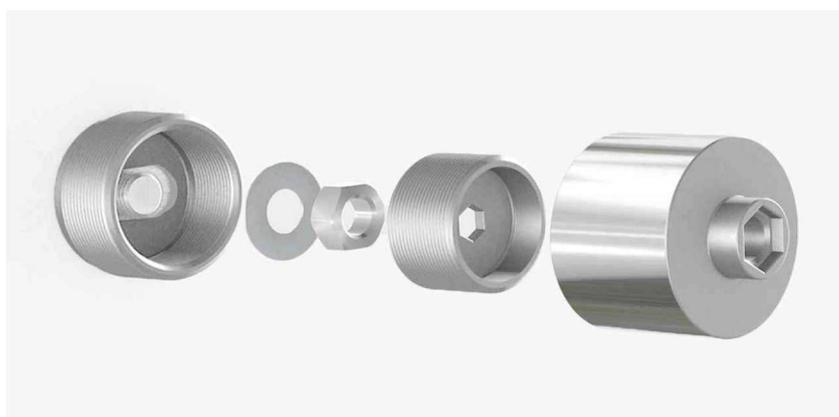
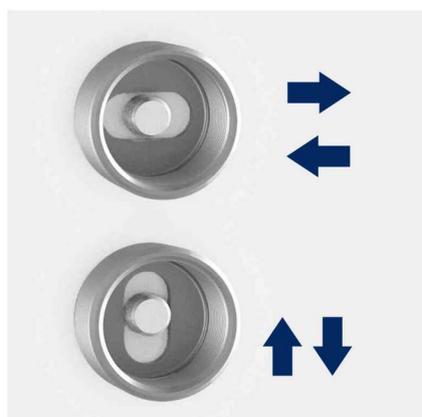
Option 1 - Adjustable Wall Mount Model Wall aligning adjustment up to 12mm

- Through glass adjustment 8mm after glass fitted
- Up to 12mm multi directional adjustment on wall before glass installed
- Patented locking bush system of "Adjustments through glass"
- No need to access behind glass once fitted
- No grub screws for smooth bind free assembly
- **2205** Higher Strength Ultra Marine Stainless Steel
- Available in satin and powder coat black matt
- Faster and better installations GUARANTEED!
- 1 piece T head for stronger but thinner head



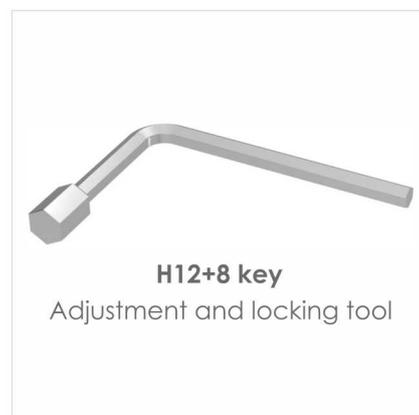
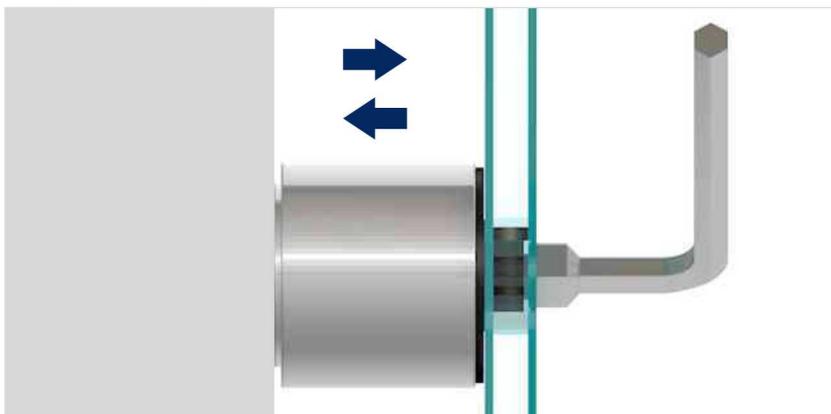
WALL ALIGNING ADJUSTMENT UP TO 12MM

Up to 12mm multi directional adjustment on wall before glass installed, use washer and nut to set up the wall mount

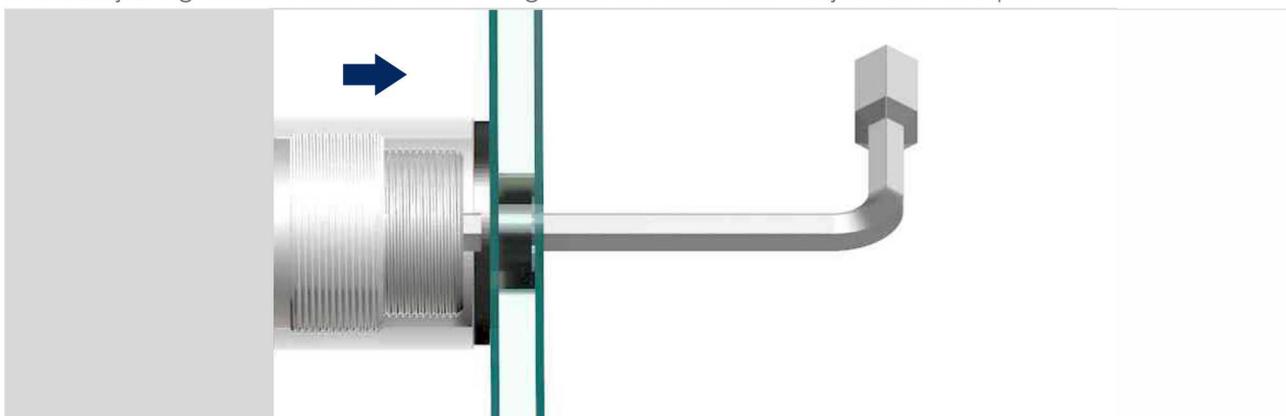


HORIZONTAL ADJUSTMENT FROM WALL

1. Align bodies by winding in or out by adjustment and locking tool



2. Use adjusting tool to wind out the locking bush and lock when adjustment completed



ALL HORIZONTAL GLASS ADJUSTMENT CAN BE MADE WITH GLASS INSTALLED.

ADJUSTABLE WALL MOUNT, T-HEAD MODELS

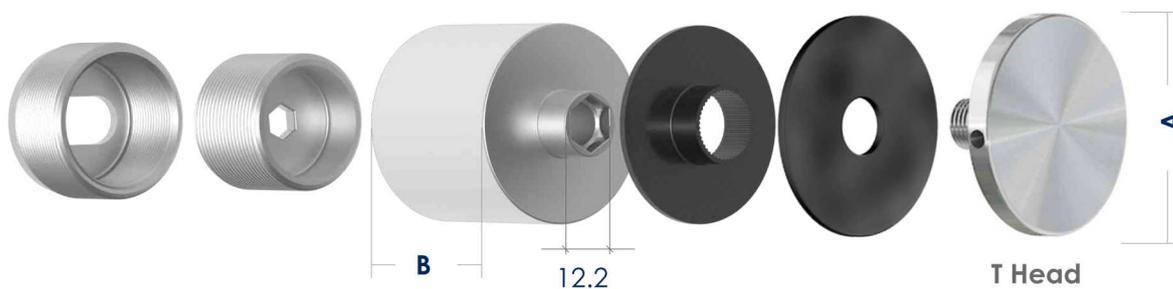
Wall aligning adjustment up to 12mm



46605-BN
Satin



46605-MB
Powder Coat Black Matt



CODE	HEAD	DIA "A" (mm)	BODY HEIGHT "B" (mm)	GLASS RANGE (mm)	HOLE IN GLASS (mm)	THREADED ROD/ LAG SCREW TO WALL (Sold separately)
46605	T Head	50	35	10-15	Min 20	M10/M12

STERLING ALIGN-LOCK

The architectural catalogue is full of NEW and innovative glass railing hardware including our NEW adjustable Align-Lock system which consists of a variety of spigots and base rail variants. To ensure you always have the correct products for your project with maximum adjustability and speed of installation.

Head office:

13377 78 Ave #702, Surrey, BC V3W 5B9

 info@sterlinghardware.ca

 (604) 593-5950

 www.sterlinghardware.ca