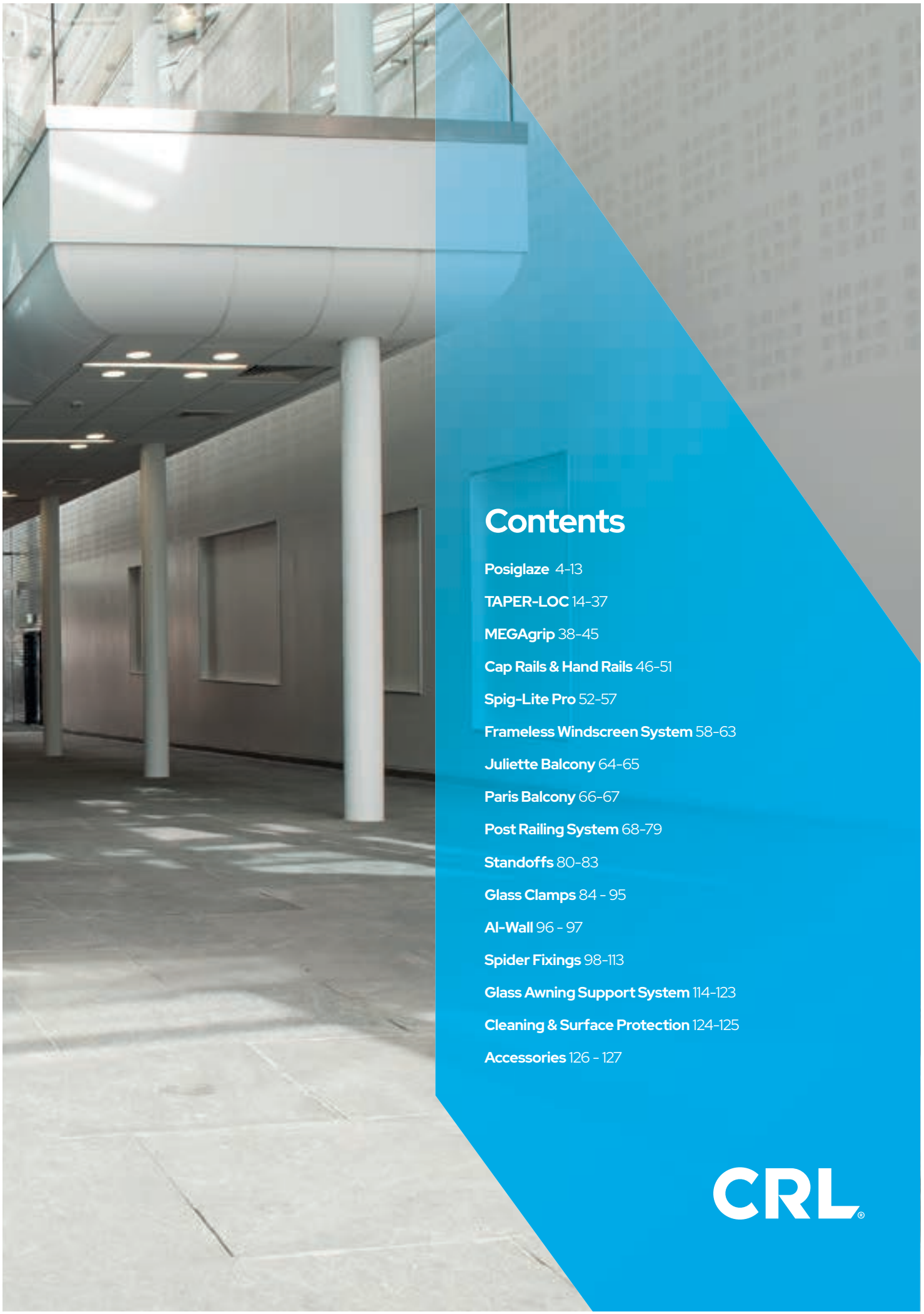
CRL

Architectural Glass Fixings

Systems for Glass Balustrades and Facades

EUAGF24



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CRL®

CRL Posiglaze

CRL Posiglaze is a fully adjustable glass balustrade system that uses a unique clamping design and a quick and easy adjustable method to align glass panels when a handrail is not desired.

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CRL Posiglaze - the fully adjustable aluminium railing system

FAST INSTALLATION
Designed to be installed without the need of ensuring the fitting surface is totally level.

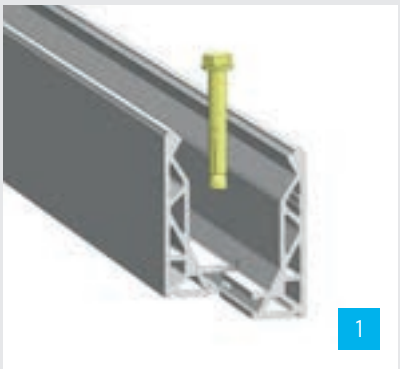
FULLY ADJUSTABLE AFTER INSTALLATION
Posiglaze uses a unique, simple adjustment system allowing horizontal alignment of each glass panel.

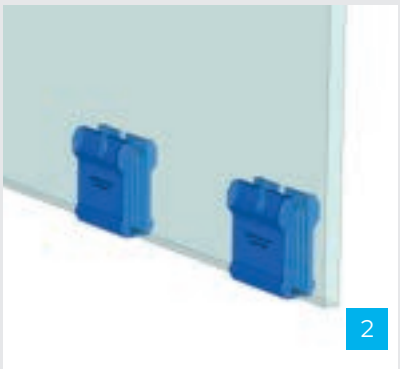
LIGHT WEIGHT AND EXTREMELY STRONG
Cleverly designed out of extruded aluminium, saving weight yet keeping strength. For added protection we anodise our system increasing protection against the elements.

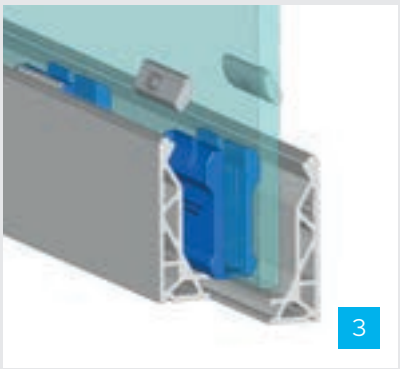
EXCELLENTLY ENGINEERED
Our system is tested & engineered to meet the strictest building regulations (with the appropriate fixing and glass thickness) in both domestic and commercial installations as per BSi standard 6180:2011.

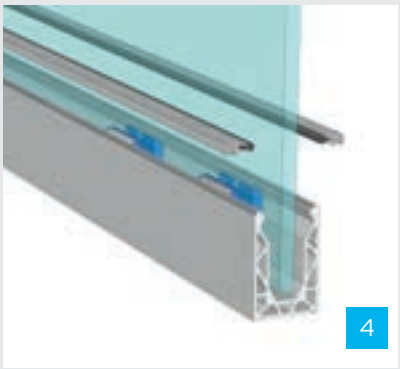
GLASS THICKNESSES
- 12 mm, 15 mm and 19 mm toughened monolithic glass
- 13.52 mm, 17.52 mm and 21.52 mm toughened laminated glass

NOTE: ALL GLASS CLAMPS HAVE A 1 mm TOLERANCE TO ACCEPT VARYING INTERLAYER THICKNESSES









Posiglaze: easy to install, easy to adjust

STEP 1
Fit the base channel (D1) to the substructure.

STEP 2
Clip the glass slip clamps (D2) to the bottom edge of the glass panel (We provide different sized clamps for different glass thicknesses).

Place the bolt screws in the pivot clamp (D3).

STEP 3
Position the glass in the channel. Using the adjustment bolts; loosening one side and tightening the other.

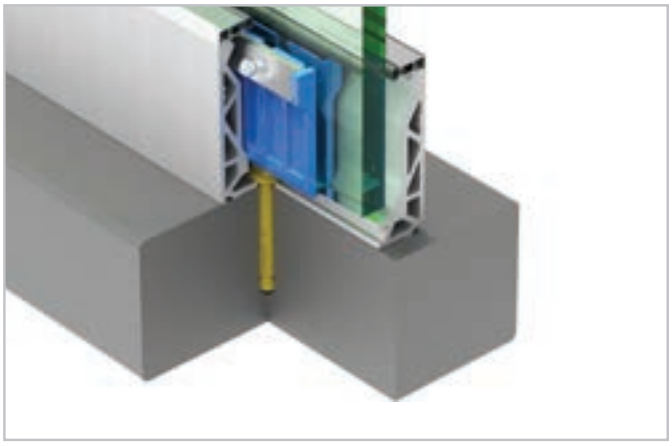
This will allow the alignment of the glass with the adjacent panel and enable vertical alignment of the glass.

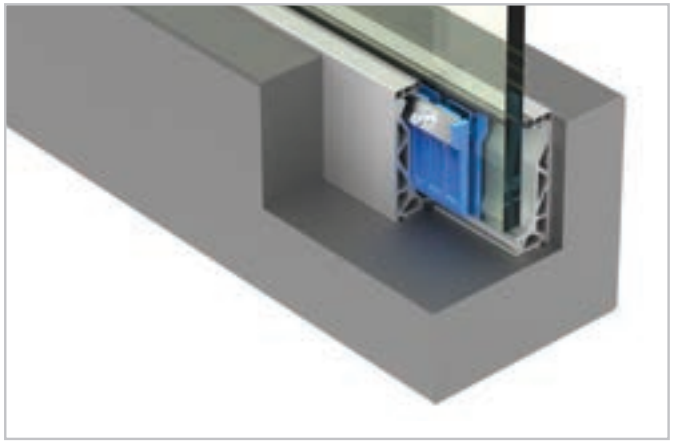
STEP 4
Attach the cover strip (D4) and bead gasket to complete the installation.

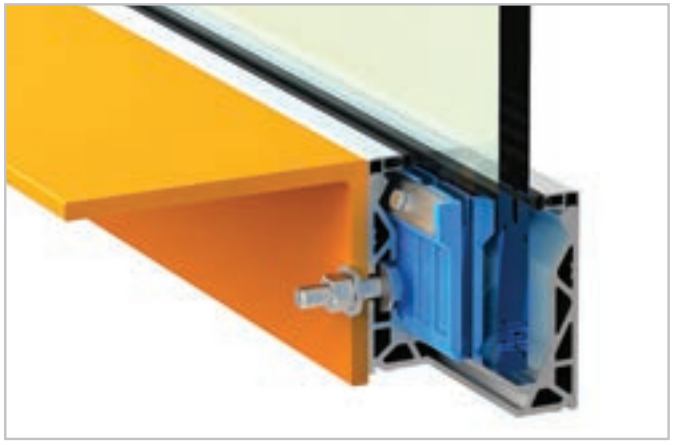
CRL Posiglaze Typical Installations

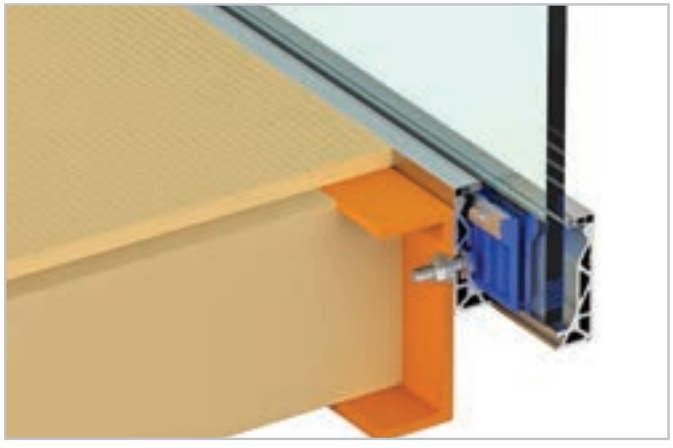
CRL Posiglaze is suitable for many applications from residential to commercial settings.

The surface mount and the fascia mount base shoes can both accommodate 12 mm to 21.52 mm glass thanks to the unique clamp kit design, providing many practical advantages over other systems on the market.









CRL Posiglaze Typical Installations

Concrete Substrate

Surface Mounted Base Shoe

GLASS THICKNESS	BASE SHOE CAT. NO.	PREDRILLED 1ST HOLE DISTANCE FROM EDGE OF BASE SHOE (MM)	PREDRILLED CENTRE-TO-CENTRE HOLE DISTANCE (MM)	FIXING HOLE CENTRES USED (MM)	# OF CLAMPS PER M
12 mm toughened monolithic	EPGDSV	100	200	400	3
15 mm toughened monolithic	EPGDSV	100	200	400	4
19 mm toughened monolithic	EPGDSV	100	200	200	4
13.52 mm toughened laminated SGP Interlayer	EPGDSV	100	200	400	3
17.52 mm toughened laminated PVB Interlayer	EPGDSV	100	200	400	4
21.52 mm toughened laminated PVB Interlayer	EPGDSV	100	200	400	4
21.52 mm toughened laminated SGP Interlayer	EPGDSV	100	200	200	4

Fascia Mounted Base Shoe

GLASS THICKNESS	BASE SHOE CAT. NO.	PREDRILLED 1ST HOLE DISTANCE FROM EDGE OF BASE SHOE (MM)	PREDRILLED CENTRE -TO-CENTRE HOLE DISTANCE (MM)	FIXING HOLE CENTRES USED (MM)	# OF CLAMPS PER M
12 mm toughened monolithic	EPGFA	100	200	400	3
15 mm toughened monolithic	EPGFA	100	200	400	4
19 mm toughened monolithic	EPGFA	100	200	200	4
13.52 mm toughened laminated SGP Interlayer	EPGFA	100	200	400	3
17.52 mm toughened laminated PVB Interlayer	EPGFA	100	200	400	4
21.52 mm toughened laminated PVB Interlayer	EPGFA	100	200	200	4
21.52 mm toughened laminated SGP Interlayer	EPGFA	100	200	200	5

Steel Substrate

Surface Mounted Base Shoe

GLASS THICKNESS	BASE SHOE CAT. NO.	PREDRILLED 1ST HOLE DISTANCE FROM EDGE OF BASE SHOE (MM)	PREDRILLED CENTRE -TO-CENTRE HOLE DISTANCE (MM)	FIXING HOLE CENTRES USED (MM)	# OF CLAMPS PER M
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19 mm toughened monolithic	EPGDSV	100	200	200	4
13.52 mm toughened laminated SGP Interlayer	EPGDSV	100	200	400	3
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Fascia Mounted Base Shoe

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21.52 mm toughened laminated SGP Interlayer	EPGFA	100	200	200	5

* CRL always recommend consulting local building authority/structural engineer for guidance
** Please consult BS 6180:2011 for installation design guidance

RECOMMENDED FIXING	HORIZONTAL UNIFORMLY DISTRIBUTED LINE LOAD ACHIEVED (KN/M)	BRIEF TYPE OF OCCUPANCY FOR PART OF THE BUILDING OR STRUCTURE
M8 x 110 mm concrete anchor (EAM8)	0.36	Domestic & residential internal applications
M8 x 110 mm concrete anchor (EAM8)	0.74	Domestic & residential external applications including Juliette balconies
M8 x 110 mm concrete anchor (EAM8)	1.5	Areas where people may congregate, restaurants & bars
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M8 x 110 mm concrete anchor (EAM8)	0.74	Domestic & residential external applications including Juliette balconies
M8 x 110 mm concrete anchor (EAM8)	1.5	Areas where people may congregate, restaurants & bars

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RECOMMENDED FIXING	HORIZONTAL UNIFORMLY DISTRIBUTED LINE LOAD ACHIEVED (KN/M)	BRIEF TYPE OF OCCUPANCY FOR PART OF THE BUILDING OR STRUCTURE
Machine bolt S/S M12 X 40 mm (HHM12X40)	0.36	Domestic & residential internal applications
Machine bolt S/S M12 X 40 mm (HHM12X40)	0.74	Domestic & residential external applications including Juliette balconies
Machine bolt S/S M12 X 40 mm (HHM12X40)	1.5	Areas where people may congregate, restaurants & bars
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Machine bolt S/S M12 X 40 mm (HHM12X40)	1.5	Areas where people may congregate, restaurants & bars

NOTE: BS6180:2011 stipulates that when toughened monolithic glass is used, a cap rail is always required.

CRL Posiglaze Surface Mount Base Shoe

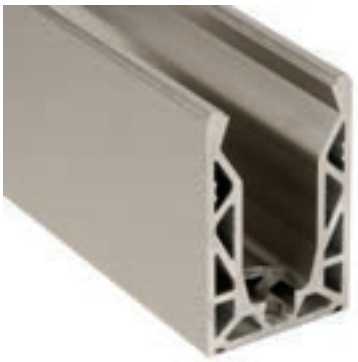
For a standard 3 m surface mount installation, the following components will be required:

1 x 3 m Surface Mount Base Shoe

2 x 3 m Top Clip

1 x Clamp kit to suit specified glass thickness

1 x Spanner



Surface Mount Base Shoe

- For use with 12 to 21.52 mm glass
- Pre-drilled first hole from edge of base shoe: 100 mm
- Pre-drilled centre-to-centre hole distance: 200 mm
- Hole suited to 12 mm fixing bolt and counter bored to sink the bolt head

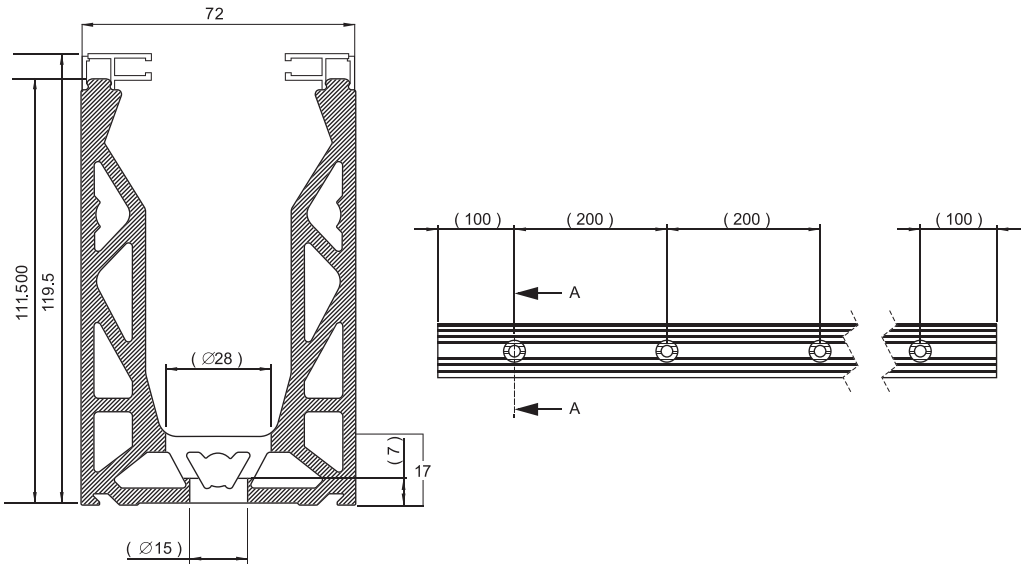
3 m length

Cat. No. EPGDSV
Brushed Stainless Steel
Anodised finish

Cat. No. EPGDBL
Black Anodised finish

6 m length

Cat. No. EPGDSV6
Brushed Stainless Steel
Anodised finish



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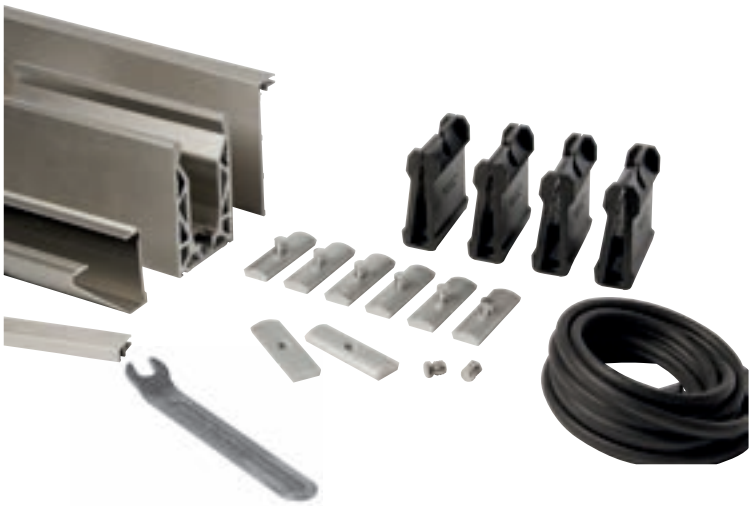
CRL Posiglaze Fascia Mount Base Shoe



For a standard 3 m fascia mount installation, the following components will be required:

1 x 3 m Fascia Mount Base Shoe

1 x 3 m Top Clip

1 x 3 m Side Cladding

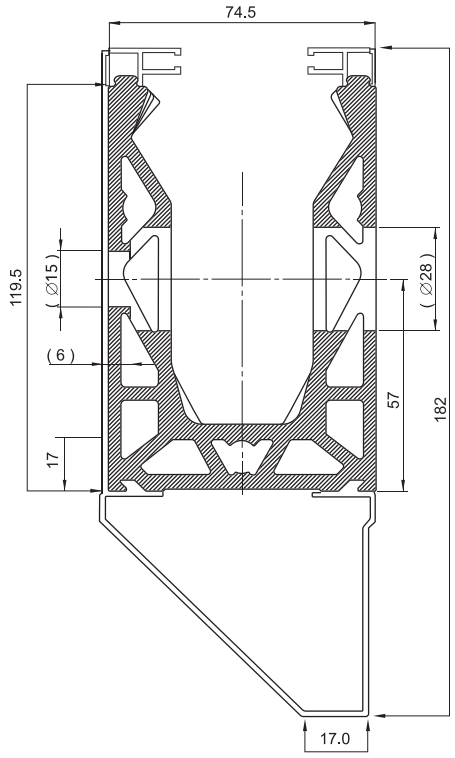
1 x Clamp kit to suit specified glass thickness

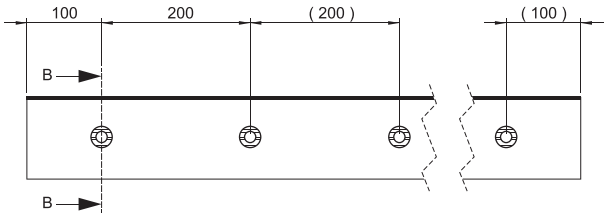
1 x Spanner

Fascia Mount Base Shoe

Cat. No. EPGFA

- For use with 12 to 21.52 mm glass
- Pre-drilled first hole from edge of base shoe: 100 mm
- Pre-drilled centre-to-centre hole distance: 200 mm
- Drilled through both walls, one side to allow socket through
- Hole suited to 12 mm fixing bolt and counter bored to sink the bolt head
- 3 m length
- Natural Anodised finish





CRL Posiglaze Components

90° Corner

- Pre-fabricated 90° corner
- Supplied with 4 dowels for easier fitting
- Does not include extra top clip or side cladding

Cat. No. EPG90BL
Black Anodised finish

Cat. No. EPG90SV
Silver

Cat. No. EPG90S1
Internal corner

Cat. No. EPG90SE
External corner

Top Clip

- Holds the gasket
- Pressed onto the channel at the end of the installation
- Covers the clamps from and prevents debris from entering the channel
- 3 m length

Cat. No. EPGTSBL
Black Plastic

Cat. No. EPGTSSV
Silver

Bottom Cladding

- For use with fascia mount base shoe if required
- Gives an angled finish to the bottom of the channel
- Clips into the grooves under the channel
- Requires adhesive for securing in place
- 3 m length
- Brushed Stainless Steel Anodised finish

Cat. No. EPGBCLADSV

Side Cladding

- For use with fascia mount base shoe to cover the drill holes from view
- Holds the gasket in place and covers the clamps from view
- Requires adhesive to hold flat surface against channel
- 3 m length
- Brushed Stainless Steel Anodised finish

Cat. No. EPGFCLADSV

Clamp Kits (inc. clamps, gasket, bars, bolts)

- Includes enough components to suit a 3 m length of base shoe
- Glass clamps have a ± 1 mm tolerance to accommodate varying interlayer thicknesses in the glass
- Includes the clamp bars which sit into the top mould of the clamps and the clamp bolts which screw into the bars and are then undone to hold the glass in place. These are undone and tightened each side allowing the glass alignment
- Includes 6 m gasket to suit glass thickness

Cat. No. EPG12SET
For 12 mm glass

Cat. No. EPG13SET
For 13.52 mm glass

Cat. No. EPG15SET
For 15 mm glass

Cat. No. EPG17SET
For 17.52 mm glass

Cat. No. EPG19SET
For 19 mm glass

Cat. No. EPG21SET
For 21.52 mm glass

End Caps

- Cut to suit each option
- Adhesive required to hold them in place

Cat. No. EPGDECBN
End Cap for Surface Mount Base Shoe, Brushed Stainless Steel Anodised finish

Cat. No. EPGDECBL
End Cap for Surface Mount Base Shoe, Black Anodised finish

Cat. No. EPGFECBN
End Cap One Side-Clad, Brushed Stainless Steel Anodised finish

Cat. No. EPGFEC2BN
End Cap Two Side-Clad, Brushed Stainless Steel Anodised finish

Cat. No. EPGBCECRBN
End Cap Shaped Right, Brushed Stainless Steel Anodised finish

Cat. No. EPGBCECLBN
End Cap Shaped Left, Brushed Stainless Steel Anodised finish

CRL Posiglaze Components

Dowel

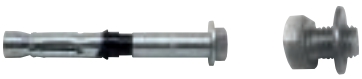
- Used to allow for better aligning when joining base shoe sections together
- 3 slots in the base shoe to hold dowels although 2 would be enough

Cat. No. EPGP1N

Spanner

- With angle to reach the clamp to tighten/loosen the glass
- Material: Steel

Cat. No. EPGSPAN



For use with concrete For use with steel

Bolts for Posiglaze Base Shoe

- For use with steel or concrete

Cat. No. EAM8
For use with concrete

Cat. No. HHM12X40
For use with steel

Drain Block

- Fitted between the substrate and the base shoe behind each hole to allow water to escape
- Material: Anodised Aluminium

Cat. No. EPGDDB
For Surface Mount Base Shoe

Cat. No. EPGFDB
For Fascia Mount Base Shoe

Black Touch Up Paint

- For use with Posiglaze base shoe products
- Black Anodised finish

Cat. No. EPGPAINTBL

Drain Block Kit

- Discrete Balustrade Drainage Blocks are simply installed under the channel and stop water getting in the building below
- Quick
- Low Cost
- Patented
- Discrete

Cat. No. EPGBSK1T

Surface mount Base Shoe Sample

- Posiglaze sample

Cat. No. EPGDBLSAMPLE
Black

Cat. No. EPGDSVSAMPLE
Silver

TAPER-LOC®

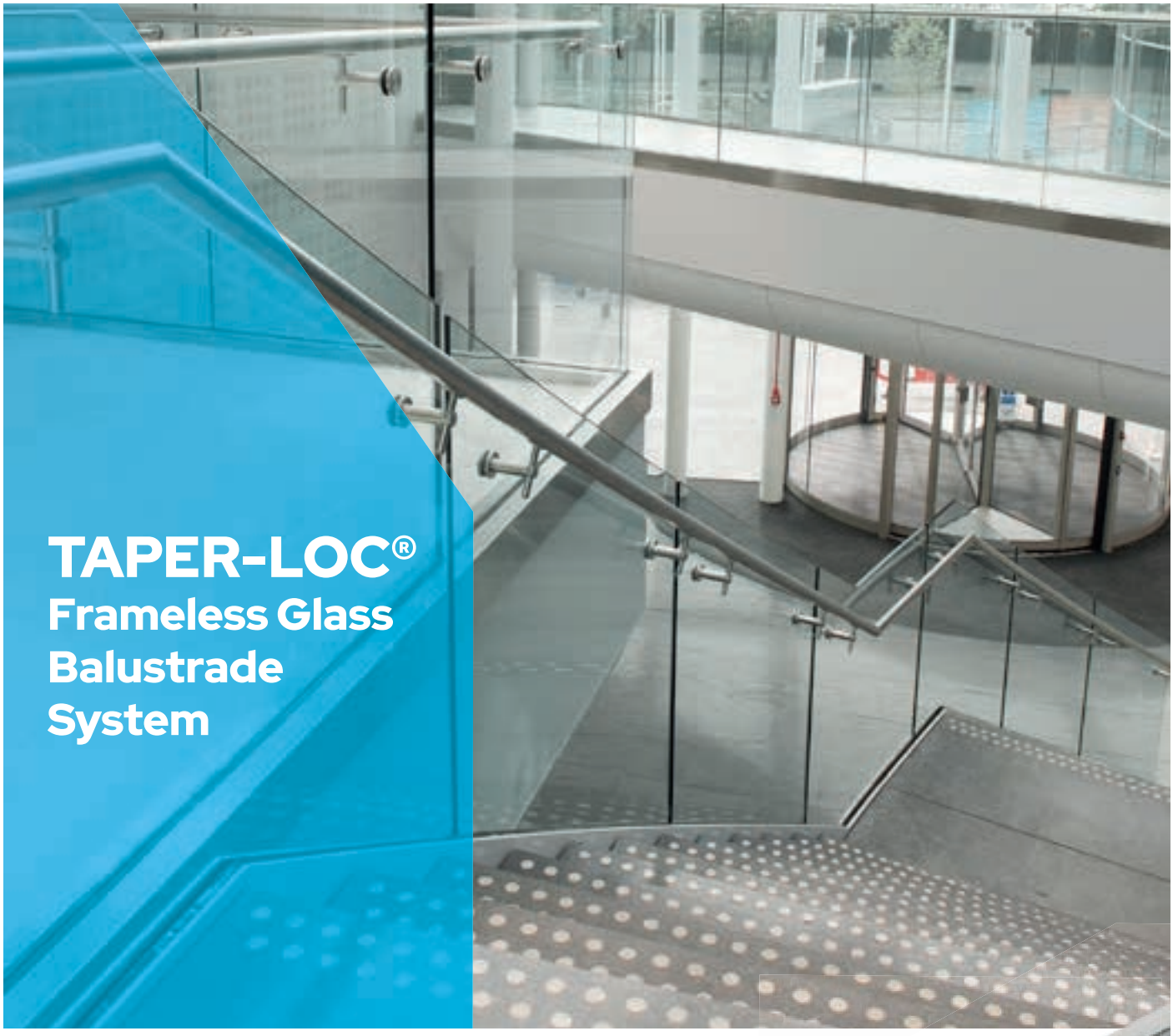
Ideal for commercial and residential installations due to a unique time saving installation process.

Unlike other systems, we consistently apply the same fixing tension on to the glass with TAPER-LOC® every single time.

Designed with the installer in mind, we invest in continued development to ensure TAPER-LOC® remains the frameless glass balustrade system of choice.

MINIMALISTIC DESIGN
WITH CLEAN LINES
COMPLETE INSTALLATION
FROM THE SAFE SIDE -
NO SCAFFOLDING REQUIRED
FAST AND EASY
TO INSTALL
TESTED TO
BS 6180:2011

CRL TAPER-LOC® Adjustable Glass Balustrade System



TAPER-LOC®
Frameless Glass Balustrade System

Quickly install glass balustrades with ease...

- TAPER-LOC® dry glazed installation is quick and clean for the installer and for the finished product
- TAPER-LOC® enables a secure barrier while maintaining clean and elegant lines
- Designed and tested for monolithic and laminated toughened glass
- Designed by CRL for commercial and residential applications
- TAPER-LOC® enables the strongest and safest barriers, giving the installer and end user peace of mind
- TAPER-LOC® installation/removal tool (TLK12) allows broken/scratched glass to be easily removed

For a demonstration visit taper-loc.co.uk

TAPER-LOC X
DRY GLAZE RAILING SYSTEM

CONFORMS TO BS 6180:2011

U.S. Patent Numbers 8,122,654 & 8,201,366 and Commonwealth of Australia Patent Numbers 200820752 and 2012202256

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SIMPLE. FAST. SAFE.

Taper-Loc base shoe allows balustrades to be installed flush with the slab edge

Easy Installation

The process of installing glass balustrades is now easier with CRL's 2018 TAPER-LOC® system. TAPER-LOC® has a unique design that lets you apply precision tension to lock it in place, securing the glass in the aluminium base shoe without the use of messy cement. Your installation time is significantly reduced while still exceeding code standards.

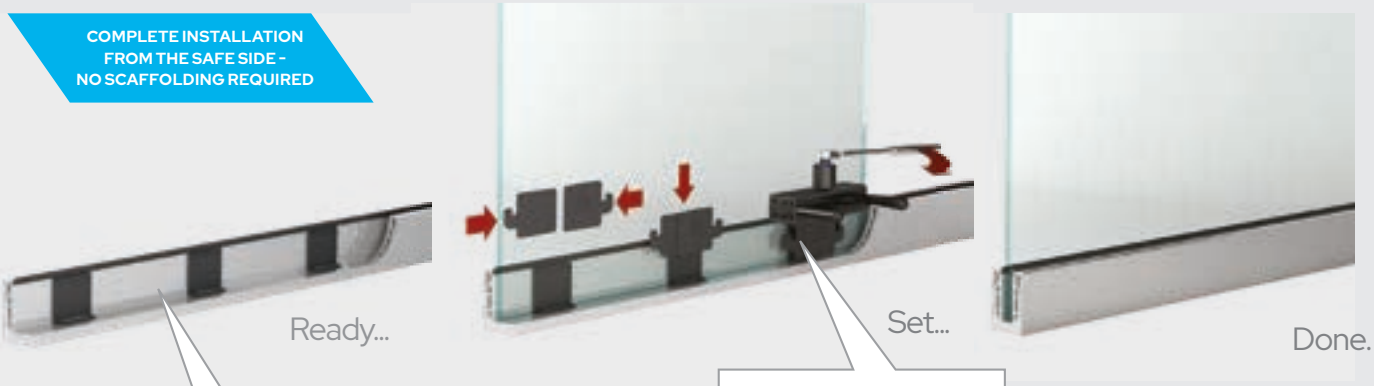
Onsite demonstrations available - Contact Technical Sales on 00 800 0421 6144 to arrange an appointment

STEP 1
Install the outside safety gasket and position the L shaped setting blocks.

STEP 2
Insert the Taper set half way down into the base shoe as shown, opposite the L-setting block, and then squeeze the tapers together finger tight.

STEP 3
Place Installation/Removal Tool (TLK12) into position onto the Tapers and push them down into the base shoe. Crank the torque wrench until it clicks and breaks for a few degrees, letting you know the Tapers are locked to the correct measured torque.

COMPLETE INSTALLATION FROM THE SAFE SIDE - NO SCAFFOLDING REQUIRED



CRL Testing and development Conforming to Building Standards Across Europe

At CRL, we are committed to the testing and development of all of our products.

All CRL TAPER-LOC® Systems are independently tested to meet British, German and US Standards. We have solutions up to and including 3kN load tests.

Watch the video of our test in action at: **www.taper-loc.co.uk/testrig**

Our project testing facilities available upon request. Certificates available at **www.taper-loc.co.uk**

Contact Technical Sales on freephone 00 800 0421 6144

CRL Balustrade Test Rig

CRL TAPER-LOC® High Strength Base Shoes

Concrete Substrate

Surface Mounted Base Shoe

GLASS THICKNESS	BASE SHOE CAT. NO.	PREDRILLED 1ST HOLE DISTANCE FROM EDGE OF BASE SHOE (MM)	PREDRILLED CENTRE-TO-CENTRE HOLE DISTANCE (MM)	SPACING OF TAPER LOCS
12 mm toughened monolithic	8B10DBN	150	300 mm	300 mm
15 mm toughened monolithic	8B58DBN	150	300 mm	300 mm
19 mm toughened monolithic	8B34DBN	150	300 mm	300 mm
13.52 mm toughened laminated PVB Interlayer	9BL56DBN	150	300 mm	300 mm
17.52 mm toughened laminated PVB Interlayer	9BL68DBN	150	300 mm	300 mm
21.52 mm toughened laminated PVB Interlayer	9BL21DBN	150	300 mm	300 mm
25.52mm toughened laminated PVB interlayer	9BL25DBN	150	300 mm	300 mm

Fascia Mounted Base Shoe

GLASS THICKNESS	BASE SHOE CAT. NO.	PREDRILLED 1ST HOLE DISTANCE FROM EDGE OF BASE SHOE (MM)	PREDRILLED CENTRE-TO-CENTRE HOLE DISTANCE (MM)	SPACING OF TAPER LOCS
12 mm toughened monolithic	8B10F	150	300 mm	300 mm
15 mm toughened monolithic	8B58F	150	300 mm	300 mm
19 mm toughened monolithic	8B34F	150	300 mm	300 mm
13.52 mm toughened laminated PVB Interlayer	9BL56F	150	300 mm	300 mm
17.52 mm toughened laminated PVB Interlayer	9BL68F	150	300 mm	300 mm
21.52 mm toughened laminated SGP Interlayer	9BL21F	150	300 mm	300 mm
25.52 mm toughened laminated SGP Interlayer	9BL25F	150	300 mm	300 mm

Steel Substrate

Surface Mounted Base Shoe

GLASS THICKNESS	BASE SHOE CAT. NO.	PREDRILLED 1ST HOLE DISTANCE FROM EDGE OF BASE SHOE (MM)	PREDRILLED CENTRE-TO-CENTRE HOLE DISTANCE (MM)	SPACING OF TAPER LOCS
12 mm toughened monolithic	8B10DBN	150	300 mm	300 mm
15 mm toughened monolithic	8B58DBN	150	300 mm	300 mm
19 mm toughened monolithic	8B34DBN	150	300 mm	300 mm
13.52 mm toughened laminated PVB Interlayer	9BL56DBN	150	300 mm	300 mm
17.52 mm toughened laminated PVB Interlayer	9BL68DBN	150	300 mm	300 mm
21.52 mm toughened laminated PVB Interlayer	9BL21DBN	150	300 mm	300 mm
25.52mm toughned laminated PVB interlayer	9BL25DBN	150	300 mm	300 mm

Fascia Mounted Base Shoe

GLASS THICKNESS	BASE SHOE CAT. NO.	PREDRILLED 1ST HOLE DISTANCE FROM EDGE OF BASE SHOE (MM)	PREDRILLED CENTRE-TO-CENTRE HOLE DISTANCE (MM)	SPACING OF TAPER LOCS
12 mm toughened monolithic	8B10F	150	300 mm	300 mm
15 mm toughened monolithic	8B58F	150	300 mm	300 mm
19 mm toughened monolithic	8B34F	150	300 mm	300 mm
13.52 mm toughened laminated PVB Interlayer	9BL56F	150	300 mm	300 mm
17.52 mm toughened laminated PVB Interlayer	9BL68F	150	300 mm	300 mm
21.52 mm toughened laminated SGPInterlayer	9BL21F	150	300 mm	300 mm
25.52 mm toughened laminated SGP Interlayer	9BL25F	150	300 mm	300 mm

* CRL always recommend consulting local building authority/structural engineer for guidance
** Please consult BS 6180:2011 for installation design guidance

RECOMMENDED FIXING	HORIZONTAL UNIFORMLY DISTRIBUTED LINE LOAD ACHIEVED (KN/M)	BRIEF TYPE OF OCCUPANCY FOR PART OF THE BUILDING OR STRUCTURE
M8 x 98 mm concrete anchor	0.36	Domestic & residential internal applications
M8 x 98 mm concrete anchor	0.74	Domestic & residential external applications including Juliette balconies
M8 x 98 mm concrete anchor	1.5	Areas where people may congregate, restaurants & bars
M12 x 150 mm concrete anchor	N/A	USED FOR WINDSCREENS ONLY NOT FOR BARRIERS
M12 x 150 mm concrete anchor	0.36	Domestic & residential internal applications
M12 x 150 mm concrete anchor	0.74	Domestic & residential external applications including Juliette balconies
M12 x 150 mm concrete anchor	1.5	Areas where people may congregate, restaurants & bars

RECOMMENDED FIXING	HORIZONTAL UNIFORMLY DISTRIBUTED LINE LOAD ACHIEVED (KN/M)	BRIEF TYPE OF OCCUPANCY FOR PART OF THE BUILDING OR STRUCTURE
M8 x 98 mm concrete anchor	0.36	Domestic & residential external applications including Juliette balconies
M8 x 98 mm concrete anchor	0.74	Domestic & residential external applications including Juliette balconies
M8 x 98 mm concrete anchor	0.74	Areas where people may congregate, restaurants & bars
M12 x 150 mm concrete anchor	N/A	USED FOR WINDSCREENS ONLY NOT FOR BARRIERS
M12 x 150 mm concrete anchor	0.36	Domestic & residential internal applications
M12 x 150 mm concrete anchor	0.74	Domestic & residential external applications including Juliette balconies
M12 x 150 mm concrete anchor	1.5	Areas where people may congregate, restaurants & bars

RECOMMENDED FIXING	HORIZONTAL UNIFORMLY DISTRIBUTED LINE LOAD ACHIEVED (KN/M)	BRIEF TYPE OF OCCUPANCY FOR PART OF THE BUILDING OR STRUCTURE
Machine bolt S/S M12 X 20 mm	0.36	Domestic & residential internal applications
Machine bolt S/S M12 X 20 mm	0.74	Domestic & residential external applications including Juliette balconies
Machine bolt S/S M12 X 20 mm	1.5	Areas where people may congregate, restaurants & bars
Machine bolt S/S M14 X 20 mm	N/A	USED FOR WINDSCREENS ONLY NOT FOR BARRIERS
Machine bolt S/S M14 X 20 mm	0.36	Domestic & residential internal applications
Machine bolt S/S M14 X 20 mm	0.74	Domestic & residential external applications including Juliette balconies
Machine bolt S/S M14 X 20 mm	1.5	Areas where people may congregate, restaurants & bars

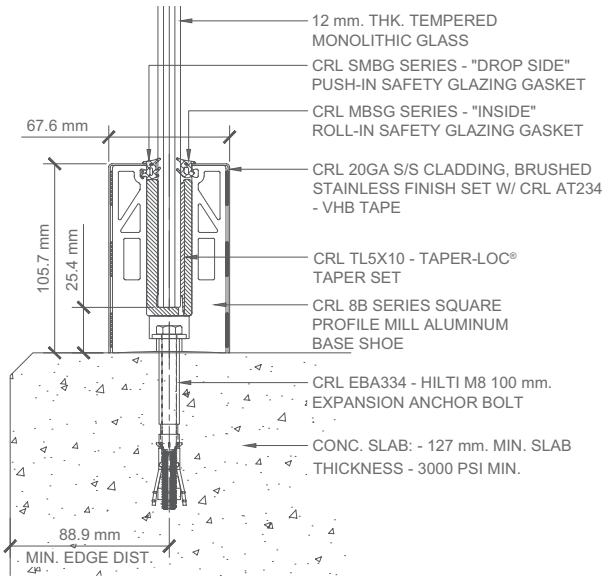
RECOMMENDED FIXING	HORIZONTAL UNIFORMLY DISTRIBUTED LINE LOAD ACHIEVED (KN/M)	BRIEF TYPE OF OCCUPANCY FOR PART OF THE BUILDING OR STRUCTURE
Machine bolt S/S M8 X 20 mm	0.36	Domestic & residential internal applications
Machine bolt S/S M8 X 20 mm	0.74	Domestic & residential external applications including Juliette balconies
Machine bolt S/S M8 X 20 mm	0.74	Areas where people may congregate, restaurants & bars
Machine bolt S/S M14 X 20 mm	N/A	USED FOR WINDSCREENS ONLY NOT FOR BARRIERS
Machine bolt S/S M14 X 20 mm	0.36	Domestic & residential internal applications
Machine bolt S/S M14 X 20 mm	0.74	Domestic & residential external applications including Juliette balconies
Machine bolt S/S M14 X 20 mm	1.5	Areas where people may congregate, restaurants & bars

NOTE: BS6180:2011 stipulates that when toughened monolithic glass is used, a cap rail is always required.

Typical Installations

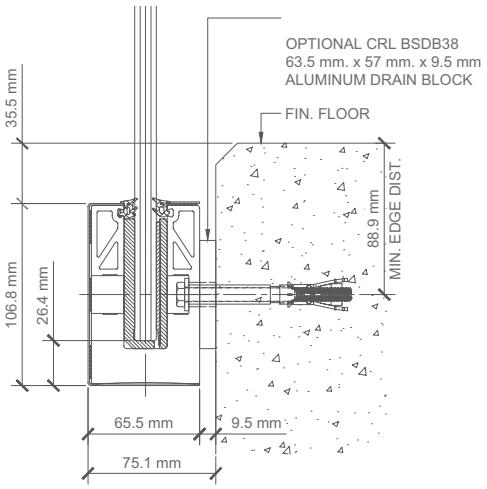
Surface Mount Detail - Concrete Substrate

Anchor spacing will depend on mounting substrate and region of project



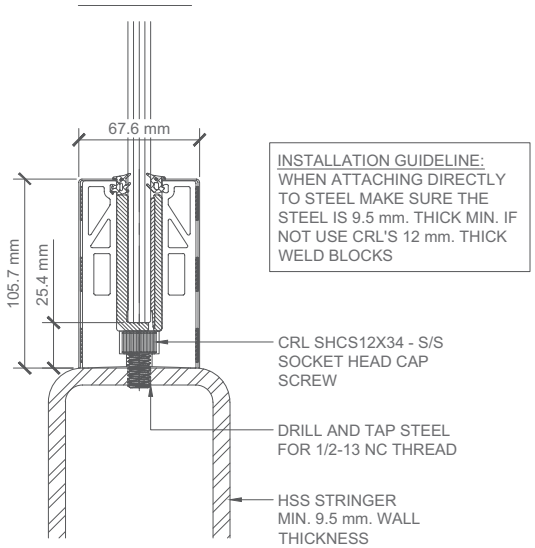
Fascia Mount Detail - Concrete Substrate

Anchor spacing will depend on mounting substrate and region of project



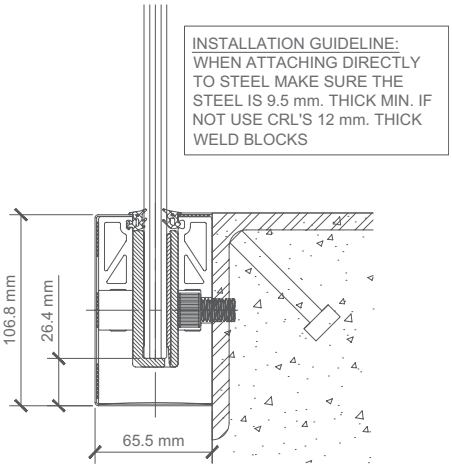
Surface Mount Detail - Steel Substrate

300 mm on centre anchor spacing



Fascia Mount Detail - Steel Substrate

300 mm on centre anchor spacing



CRL TAPER-LOC® Installation Tools

CRL Taper-Loc® Installation / Removal Tool Kit

Cat. No. TLK12

The Installation/Removal Tool is used for tightening TAPER-LOC® Tapers in the channel of the base shoe. The tool has an integrated torque wrench that applies the precise lock-up force necessary to set the glass panels. Simply set in place and turn the wrench until a clicking sound is heard. This assures the Tapers have been locked together. It can also remove tapers when glass panels need to be reset or replaced.

KIT INCLUDES:

1 x Integrated Torque Wrench TLK12

1 x Glass Balustrade Setting Tools for Monolithic and Laminated Glass

1 x Pair of Glass Setting Roller Blocks

1 x Standard and Recessed Blades

1 x Instructions

1 x Moulded Carrying Case

CRL PAL Plumb / Angle / Level Indicator

Cat. No. PAL1K

The PAL Plumb / Angle / Level Locator Kit is designed to assist you with level and plumb installations of base shoe for balustrade and windscreen installations. This innovative tool levels the base shoe in both the vertical and horizontal orientations. Perfect for use with all TAPER-LOC® installations.

KIT INCLUDES:

1 x Laser Tool with Case

1 x Base Shoe Alignment Adapter

1 x Laser Target

1 x Chalk Line

1 x 237 ml Bottle of Blue Chalk Refill

1 x Black Listo Marking Pencil

1 x Blue Sharpie Pen

1 x Instructions

1 x Moulded Carry Case

CRL TAPER-LOC® 8B10 Series Standard Square Base Shoe

Designed for fixing 12 mm glass

- For residential including stairs and landings but excluding external balconies and edges of roofs
- For use with 12 mm monolithic toughened glass
- Safety-seal compatible
- Available in 3 finishes

Measurements:

Stock length: 3 m
Hole Size: 14.3mm
Counter Bore: 22 mm
Depth: 12.7 mm
Centre-to-Centre: 300 mm
Pre-drilled

Surface Mounted Base Shoe

Cat. No. 8B10D
Mill Finish

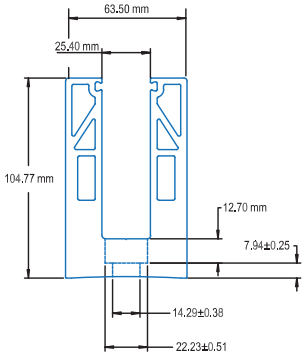
Cat. No. 8B10DBN
Brushed Nickel

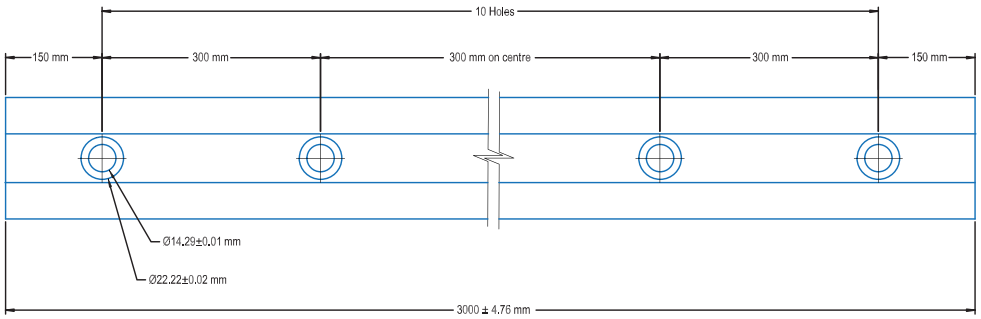
Cat. No. 8B10DSA
Satin Anodised

Fascia Mounted Base Shoe

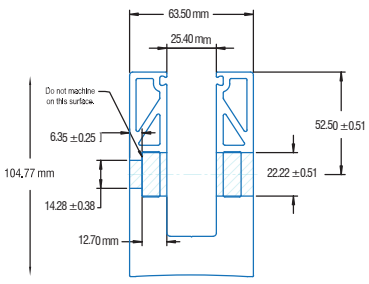
Cat. No. 8B10F
Mill Finish

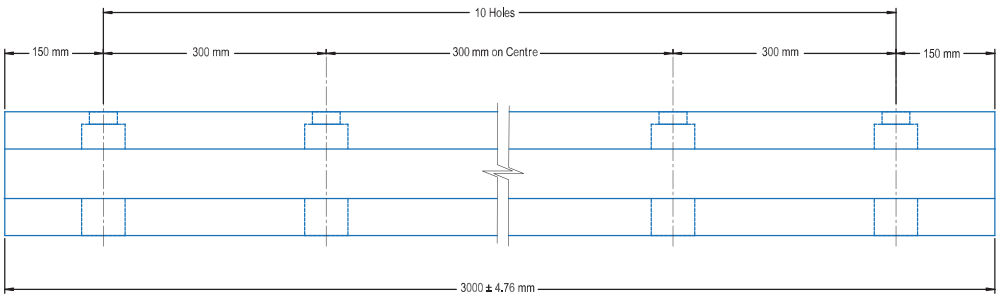
Base Drilled





Fascia Drilled





CRL TAPER-LOC® 8B58 Series Standard Square Base Shoe

Designed for fixing 15 mm glass

- For residential external balconies, edges of roofs, stairs and landings
- For use with 15 mm monolithic toughened glass
- Safety-seal compatible
- Available in 3 finishes

Measurements:

Stock length: 3 m
Hole Size: 14.3 mm
Counter Bore: 22 mm
Depth: 12.7 mm
Centre-to-Centre: 300 mm
Pre-drilled

Surface Mounted Base Shoe

Cat. No. 8B58D
Mill Finish

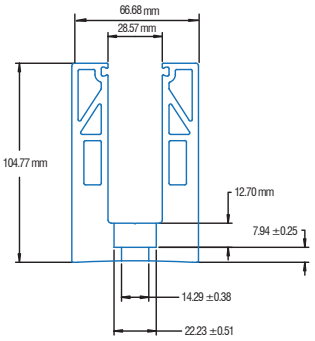
Cat. No. 8B58DBN
Brushed Nickel

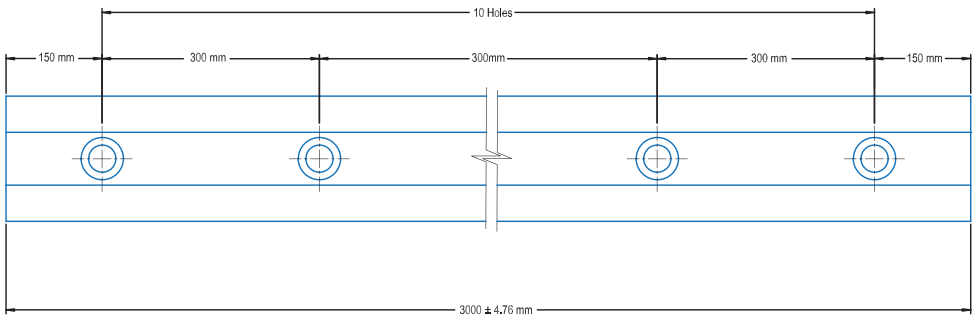
Cat. No. 8B58DSA
Satin Anodised

Fascia Mounted Base Shoe

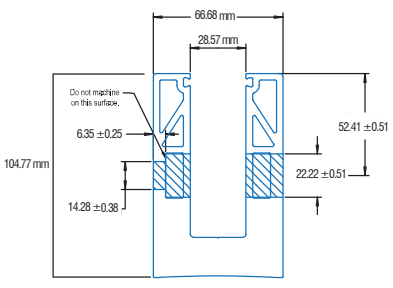
Cat. No. 8B58F
Mill Finish

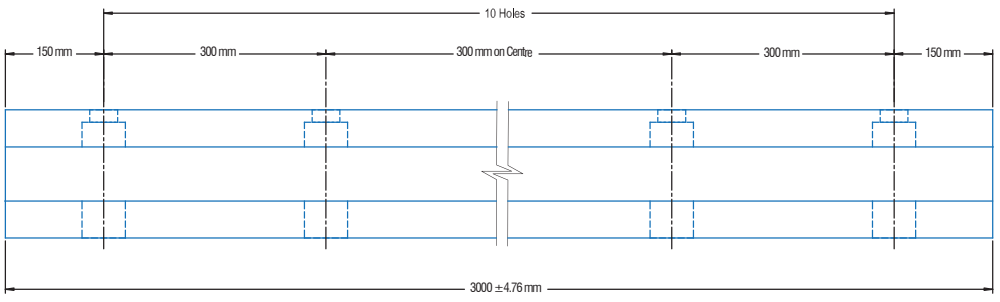
Base Drilled





Fascia Drilled





For matching tapers, bolts and gaskets, see page 26

CRL TAPER-LOC® 8B34 Series Heavy-Duty Square Base Shoe

Designed for fixing 19 mm glass

- For commercial areas susceptible to overcrowding
- For use with 19 mm monolithic toughened glass
- Safety-seal compatible
- Available in 3 finishes

Measurements:

Stock length: 3 m
Hole Size: 14.3 mm
Counter Bore: 22 mm
Depth: 12.7 mm
Centre-to-Centre: 300 mm
Pre-drilled

Surface Mounted Base Shoe

Cat. No. 8B34D
Mill Finish

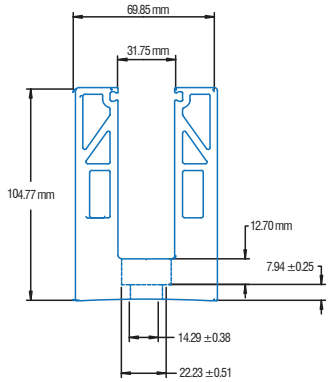
Cat. No. 8B34DBN
Brushed Nickel

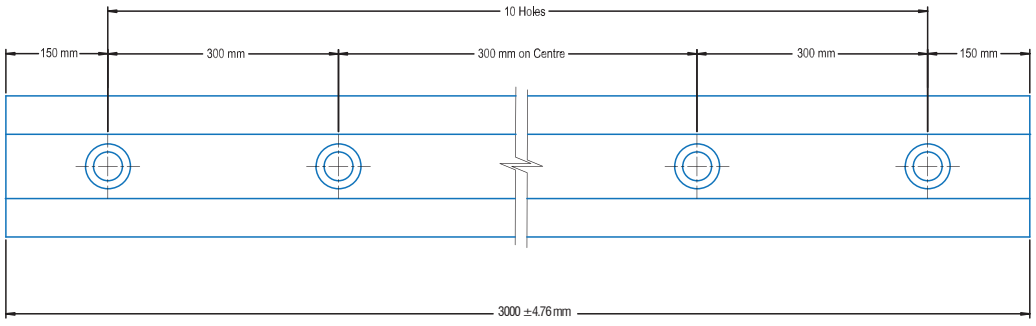
Cat. No. 8B34DSA
Satin Anodised

Fascia Mounted Base Shoe

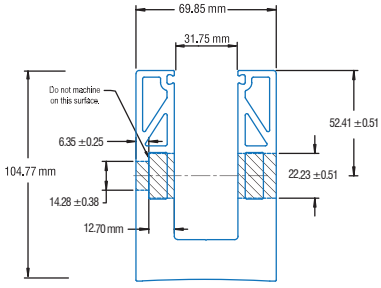
Cat. No. 8B34F
Mill Finish

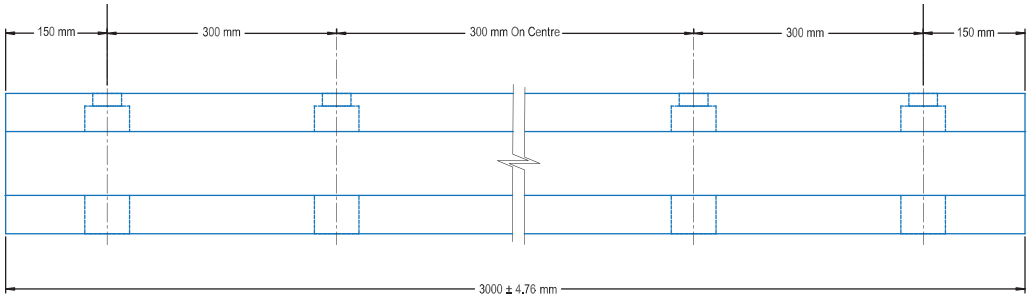
Base Drilled





Fascia Drilled





For matching tapers, bolts and gaskets, see page 26

CRL TAPER-LOC® Tapers, Bolts and Gaskets for 8B Series Base Shoes

CRL TAPER-LOC® Taper Set for Monolithic Toughened Glass

- Includes two Tapers and one L-setting block
- For use with CRL's monolithic toughened glass high strength base shoe only
- For use with 10 mm, 12 mm, 15 mm and 19 mm glass

NOTE: Minimum order: 10 sets

Cat. No. TL5X10
For use with 12 mm, 15 mm and 19 mm glass

Cat. No. TL3X10
For use with 10 mm glass for windscreens

For use with concrete

For use with steel

CRL TAPER-LOC® Bolts for 8B Series Monolithic Glass Base Shoes

Cat. No. EBA334
For use with concrete

Cat. No. SHM12x20
For use with steel

CRL TAPER-LOC® Top Rubber Gasket for Monolithic Toughened Glass

- Can be used on both sides once glass is installed

Cat. No. BSG100
30.5 m roll length

Cat. No. BSG500
152.4 m roll length

SMBSG1 MBSG1

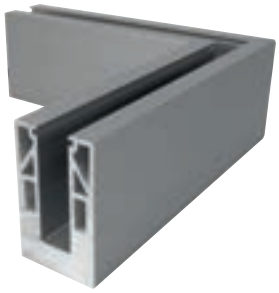
CRL Taper-Loc® Safety Seal for Monolithic Glass

- Can be used to fix the drop side seal in to the base shoe prior to inserting the glass
- **Allows installer to always work from the safe side and avoid the need for expensive scaffolding**

Cat. No. SMBSG1
"Drop-Side" safety seal
30.5 m roll length

Cat. No. MBSG1
Inside safety seal
30.5 m roll length

CRL TAPER-LOC® 90° Corners and Cladding for 8B Series Base Shoes



CRL TAPER-LOC® 90° Corner Connectors for Monolithic Glass Base Shoe

For 12 mm Glass

Cat. No. 8B1090D
Mill Finish

Cat. No. 8B1090DBN
Brushed Nickel

Cat. No. 8B1090DSA
Satin Anodised

For 19 mm Glass

Cat. No. 8B3490D
Mill Finish

Cat. No. 8B3490DBN
Brushed Nickel

Cat. No. 8B3490DSA
Satin Anodised

For 15 mm Glass

Cat. No. 8B5890D
Mill Finish

Cat. No. 8B5890DBN
Brushed Nickel

Cat. No. 8B5890DSA
Satin Anodised

CRL TAPER-LOC® Base Fixed Cladding for Monolithic Glass Base Shoe

304 Grade

Cat. No. BSCBS10
Brushed Stainless Steel

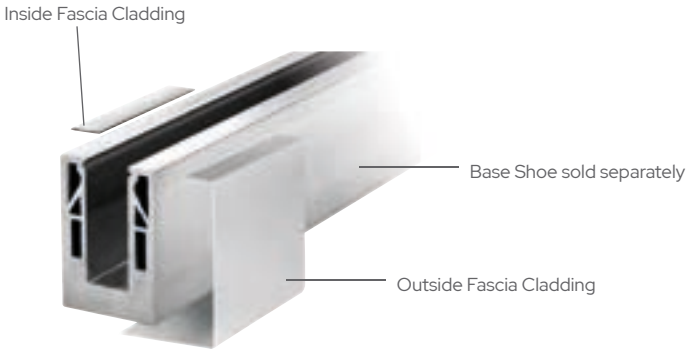
Cat. No. BSCPS10
Polished Stainless Steel

316 Grade

Cat. No. BSCBS106
Brushed Stainless Steel

Cat. No. BSCPS106
Polished Stainless Steel

CRL TAPER-LOC® Fascia Fixed Cladding for Monolithic Glass Base Shoe



Outside Fascia Cladding, 304 Grade

For 12 mm Glass

Cat. No. B5C0FBS
Brushed Stainless Steel

Cat. No. B5C0FPS
Polished Stainless Steel

For 15 mm Glass

Cat. No. B6C0FBS
Brushed Stainless Steel

Cat. No. B6C0FPS
Polished Stainless Steel

For 19 mm Glass

Cat. No. B7C0FBS
Brushed Stainless Steel

Cat. No. B7C0FPS
Polished Stainless Steel

Inside Fascia Cladding, 304 Grade

For 12 mm, 15 mm and 19 mm Glass

Cat. No. B5C1FBS
Brushed Stainless Steel

Cat. No. B5C1FPS
Polished Stainless Steel

CRL TAPER-LOC® End Caps for 8B Series Base Shoes

CRL TAPER-LOC® End Caps for Monolithic Glass Base Shoe

End Caps, 304 Grade

For 12 mm Glass

Cat. No. B5SECBS
Brushed Stainless Steel

Cat. No. B5SECPS
Polished Stainless Steel

Cat. No. 8B10ECBN
Brushed Nickel

Cat. No. 8B10ECSA
Satin Anodised

For 15 mm Glass

Cat. No. B6SECBS
Brushed Stainless Steel

Cat. No. B6SECPS
Polished Stainless Steel

Cat. No. 8B58ECBN
Brushed Nickel

Cat. No. 8B58ECSA
Satin Anodised

For 19 mm Glass

Cat. No. B7SECBS
Brushed Stainless Steel

Cat. No. B7SECPS
Polished Stainless Steel

Cat. No. 8B34ECBN
Brushed Nickel

Cat. No. 8B34ECSA
Satin Anodised

CRL TAPER-LOC® End Caps for Monolithic Glass Base Shoe

End Caps, 316 Grade

For 12 mm Glass

Cat. No. B5SECBS6
Brushed Stainless Steel

Cat. No. B5SECPS6
Polished Stainless Steel

For 15 mm Glass

Cat. No. B6SECBS6
Brushed Stainless Steel

Cat. No. B6SECPS6
Polished Stainless Steel

For 19 mm Glass

Cat. No. B7SECBS6
Brushed Stainless Steel

Cat. No. B7SECPS6
Polished Stainless Steel

Cat. No. B7SECBS6
Brushed Stainless Steel

Cat. No. B7SECPS6
Polished Stainless Steel

CRL TAPER-LOC® 9BL56 Series Base Shoe for Windscreen

Designed for fixing 13.52 mm glass

- For windscreens only
- For use with 13.52 mm laminated toughened glass

Measurements:

Stock length: 3 mm
Hole Size: 14.29 mm
Counter Bore: 22.23 mm
Depth: 12.7 mm
Centre-to-Centre: 300 mm
Pre-drilled

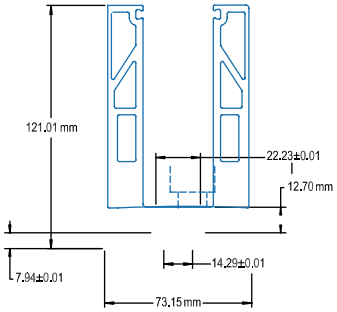
Surface Mounted Base Shoe

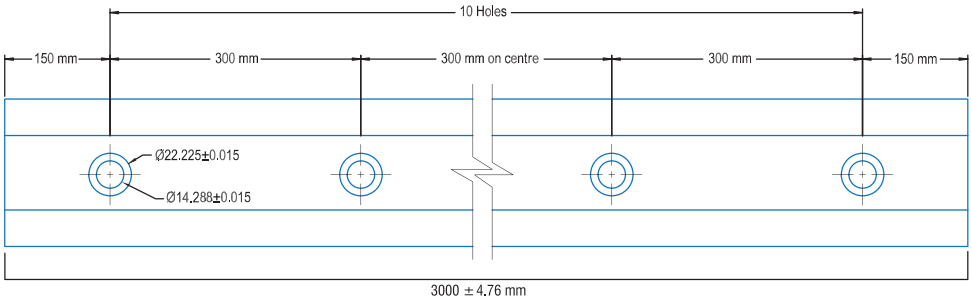
Cat. No. 9BL56D
Mill Finish

Fascia Mounted Base Shoe

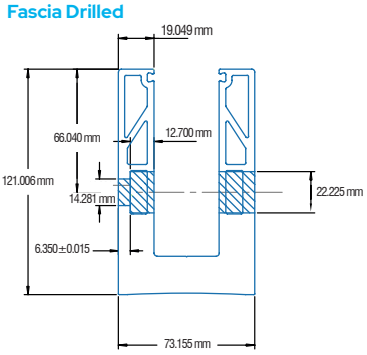
Cat. No. 9BL56F
Mill Finish

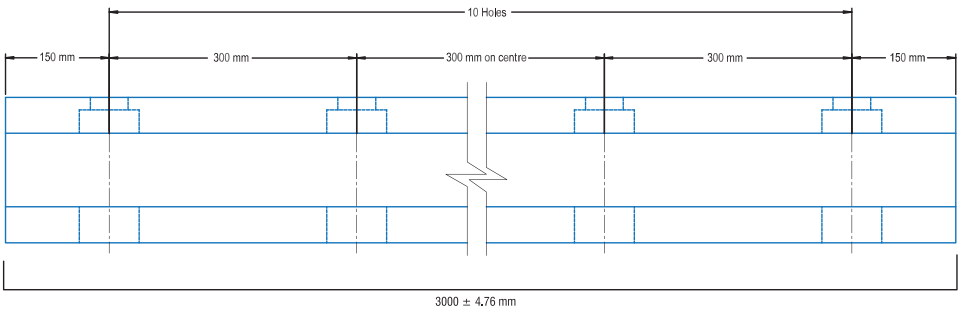
Base Drilled





Fascia Drilled





For matching tapers, bolts and gaskets, see page 35

CRL TAPER-LOC® 9BL68 Series Standard Square Base Shoes

Designed for fixing 17.52 mm glass

- For residential including stairs and landings but excluding external balconies and edges of roofs
- For use with 17.52 mm laminated toughened glass
- Safety-seal compatible
- Available in 3 finishes

Measurements:

Stock length: 3 m
Hole Size: 20 mm
Counter Bore: 31.7 mm
Depth: 12.7 mm
Centre-to-Centre: 300 mm
Pre-drilled

Surface Mounted Base Shoe

Cat. No. 9BL68D
Mill Finish

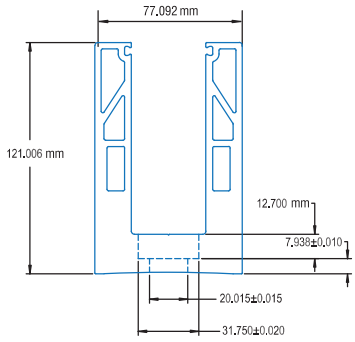
Cat. No. 9BL68DBN
Brushed Nickel

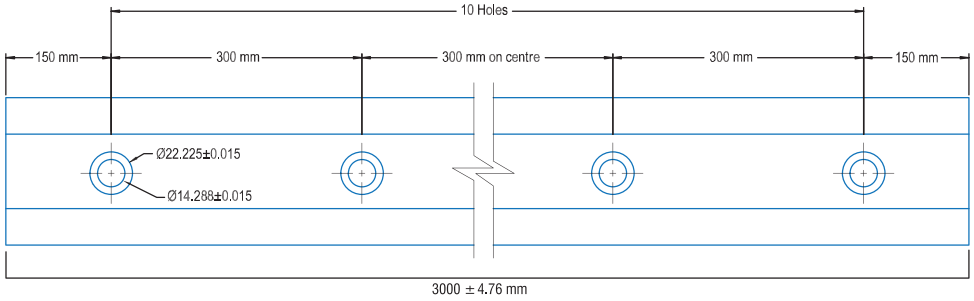
Cat. No. 9BL68DSA
Satin Anodised

Fascia Mounted Base Shoe

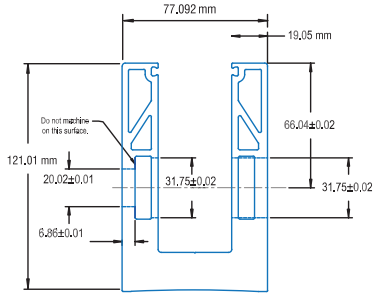
Cat. No. 9BL68F
Mill Finish

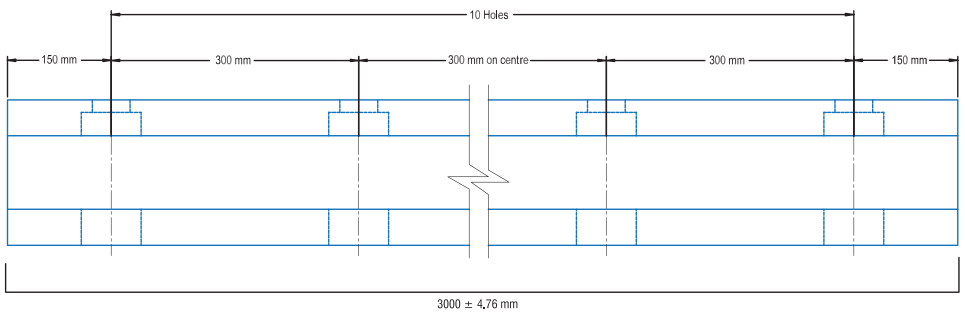
Base Drilled





Fascia Drilled





For matching tapers, bolts and gaskets, see page 35

CRL TAPER-LOC® 9BL21 Series Standard Square Base Shoe

Designed for fixing 21.52 mm glass

- For commercial areas not susceptible to overcrowding
- For use with 21.52 mm laminated toughened glass
- Safety-seal compatible
- Available in 3 finishes

Measurements:

Stock length: 3 m
Hole Size: 20 mm
Counter Bore: 31.7 mm
Depth: 12.7 mm
Centre-to-Centre: 300 mm
Pre-drilled

Surface Mounted Base Shoe

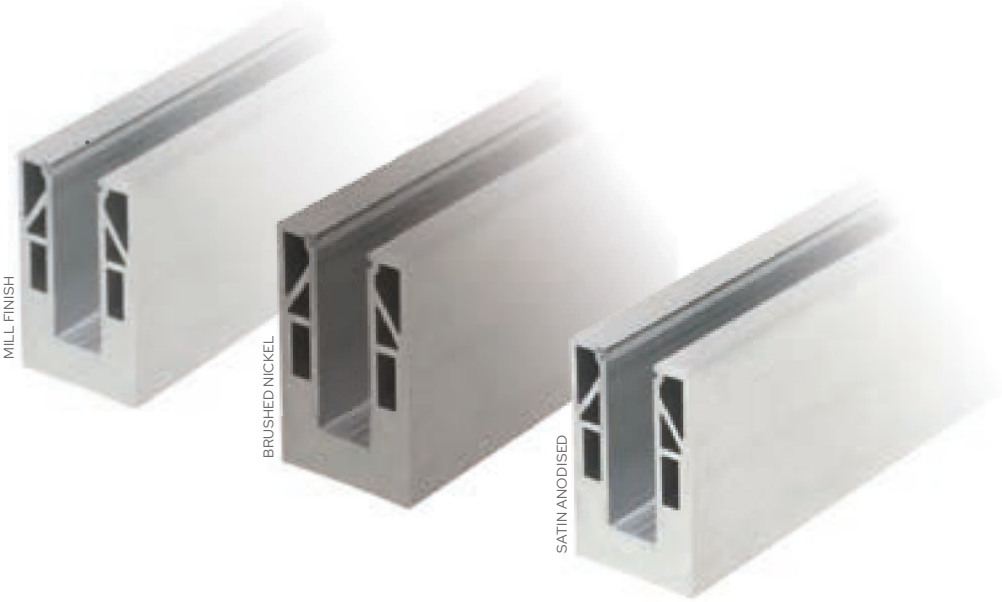
Cat. No. 9BL21D
Mill Finish

Cat. No. 9BL21DBN
Brushed Nickel

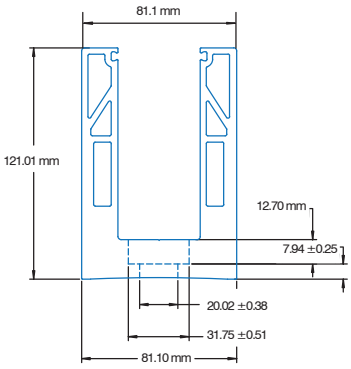
Cat. No. 9BL21DSA
Satin Anodised

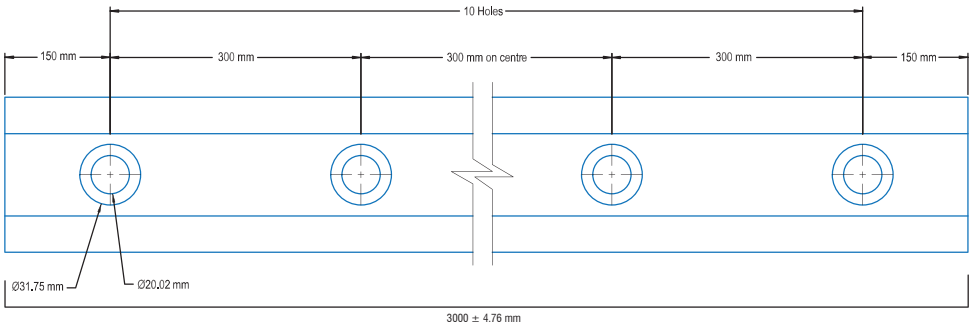
Fascia Mounted Base Shoe

Cat. No. 9BL21F
Mill Finish

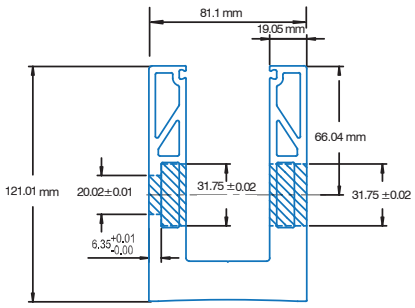


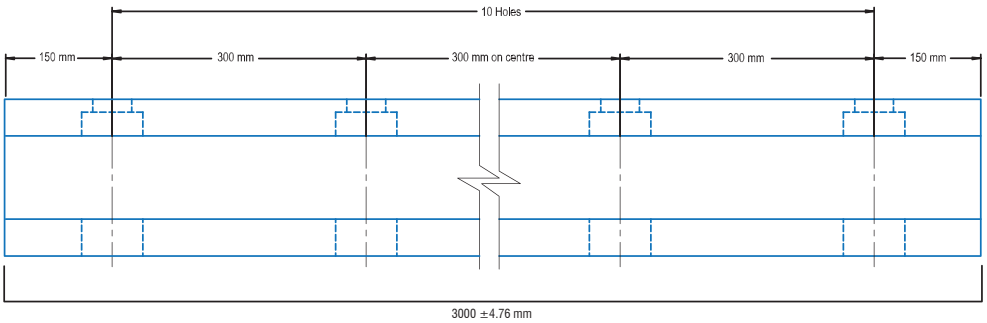
Base Drilled





Fascia Drilled





For matching tapers, bolts and gaskets, see page 35

CRL TAPER-LOC® Flange Fix Base Shoe

Designed for fixing 21.52 mm glass

- Allows quick and easy slab edge installations
- Taper-Loc® can now be installed flush with the slab edge and from the safe side
- Uses existing innovative Taper-Loc® installation system, complete with safety side gasket
- Tested to 0.74KN With 21.52mm toughened laminated glass in accordance with BS6180-2011
- No need for cladding, supplied in a Brushed Nickel anodised finish
- Safety seal gasket for safe side installations supplied on request

Flanged Aluminium Base Shoe

Cat. No. 9BL21FLBN
Brushed Nickel Anodised

TAPER-LOC X

CRL TAPER-LOC® 9BL25 Series Standard Square Base Shoe

Designed for fixing 25.52 mm glass

- For commercial areas susceptible to overcrowding
- For use with 25.52 mm laminated toughened glass
- Safety-seal compatible
- Available in 3 finishes

Measurements:

Stock length: 3 m
Hole Size: 20 mm
Counter Bore: 31.7 mm
Depth: 12.7 mm
Centre-to-Centre: 300 mm
Pre-drilled

Surface Mounted Base Shoe

Cat. No. 9BL25D
Mill Finish

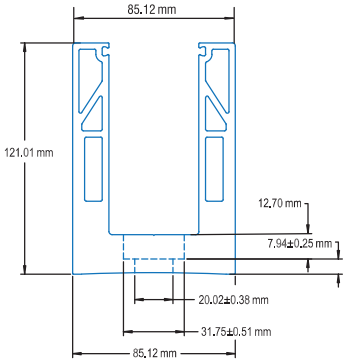
Cat. No. 9BL25DBN
Brushed Nickel

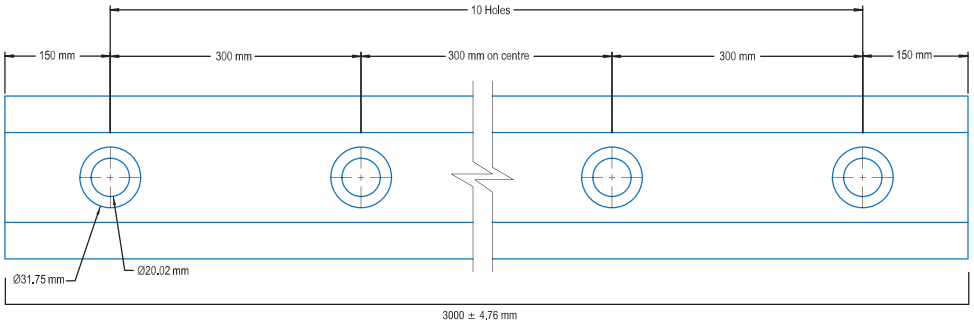
Cat. No. 9BL25DSA
Satin Anodised

Fascia Mounted Base Shoe

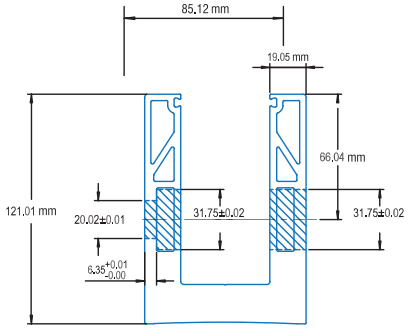
Cat. No. 9BL25F
Mill Finish

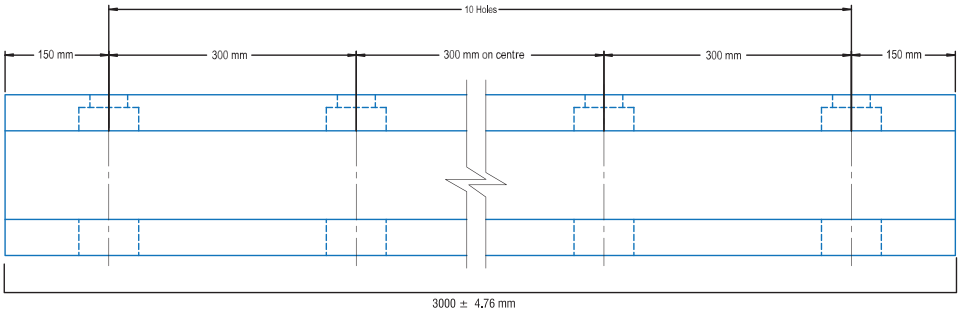
Base Drilled





Fascia Drilled





CRL Kwixset® Expanding Cement

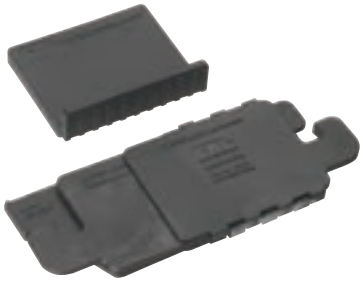
- Versatile high strength cement for setting glass panels in to base shoe as an alternative to using TAPER-LOC®
- Kwixset® for exterior and interior applications
- Great for setting core mount stanchions for vertical posts
- Expands as it sets
- Fast setting, they will not shrink or crack when used as directed
- Simply mix with water
- CRL recommends consulting with the glass fabricator prior to wet setting laminated toughened glass

Cat. No. KWX25
11.3 kg

Cat. No. KWX50
22.6 kg

Tested to 3kN using Kwixset Cement using SGP laminated interlay.

CRL TAPER-LOC® Tapers, Bolts and Gaskets for 9BL Series



CRL TAPER-LOC® Taper Set for Laminated Toughened Glass

- Includes four Tapers and one L-setting block
- For use with CRL's laminated toughened glass high strength base shoe only
- For use with 13.52 mm, 17.52 mm, 21.52 mm and 25.52 mm glass

Cat. No. LTL96X
For use with 13.52 mm and 17.52 mm glass

Cat. No. LTL10X
For use with 21.52 mm and 25.52 mm glass

For use with concrete

For use with steel

CRL TAPER-LOC® Bolts for 9BL Series Laminated Glass Base Shoes

Cat. No. EAM12
For use with concrete

Cat. No. HHM1420
For use with steel

CRL TAPER-LOC® Top Rubber Gasket for Laminated Toughened Glass

- Can be used on both sides once glass is installed

Cat. No. LBSG100
30.5 m roll length

Cat. No. LBSG200
61 m roll length

SLBSG1

LBSG100

CRL TAPER-LOC® Safety Seal for Laminated Glass

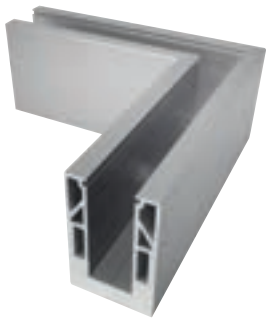
- Can be used to fix the drop side seal in to the base shoe prior to inserting the glass
- **Allows installer to always work from the safe side and avoid the need for expensive scaffolding**

Cat. No. SLBSG1
"Drop-Side" safety seal
30.5 m roll length

Cat. No. LBSG100
Inside safety seal
30.5 m roll length

Cat. No. LBSG200
Inside safety seal
61 m roll length

CRL TAPER-LOC® 90° Corners, Cladding and End Caps for 9BL Series Base Shoes



CRL TAPER-LOC® 90° Corner Connectors for Laminated Glass Base Shoe

For 17.52 mm Glass

Cat. No. 9BL6890D
Mill Finish

Cat. No. 9BL6890DBN
Brushed Nickel

Cat. No. 9BL6890DSA
Satin Anodised

For 21.52 mm Glass

Cat. No. 9BL2190D
Mill Finish

Cat. No. 9BL2190DBN
Brushed Nickel

Cat. No. 9BL2190DSA
Satin Anodised

For 25.52 mm Glass

Cat. No. 9BL2590D
Mill Finish

Cat. No. 9BL2590DBN
Brushed Nickel

Cat. No. 9BL2590DSA
Satin Anodised

CRL TAPER-LOC® Base Fixed Cladding for Laminated Glass Base Shoe

For 13.52, 17.52, 21.52 and 25.52 mm Glass, 316 Grade

Cat. No. LBSCBS10
Brushed Stainless Steel

Cat. No. LBSCPS10
Polished Stainless Steel

CRL TAPER-LOC® Fascia Fixed Cladding for Laminated Glass Base Shoe

Outside Fascia Cladding

For 13.52 mm Glass

Cat. No. L56C0FBS
Brushed Stainless Steel

Cat. No. L56C0FPS
Polished Stainless Steel

For 17.52 mm Glass

Cat. No. L68C0FBS
Brushed Stainless Steel

Cat. No. L68C0FPS
Polished Stainless Steel

For 21.52 mm Glass

Cat. No. L21C0FBS
Brushed Stainless Steel

Cat. No. L21C0FPS
Polished Stainless Steel

For 25.52 mm Glass

Cat. No. L25C0FBS
Brushed Stainless Steel

Cat. No. L25C0FPS
Polished Stainless Steel

Inside Fascia Cladding

For 13.52, 17.52, 21.52 and 25.52 mm Glass

Cat. No. L56C1FBS
Brushed Stainless Steel

Cat. No. L56C1FPS
Polished Stainless Steel

CRL TAPER-LOC® End Caps for Laminated Glass Base Shoe

For 13.52 mm Glass

Cat. No. L56SECBS
Brushed Stainless Steel

Cat. No. L56SECPS
Polished Stainless Steel

For 13.52 mm Glass

Cat. No. L68SECBS
Brushed Stainless Steel

Cat. No. L68SECPS
Polished Stainless Steel

Cat. No. 9BL68ECBN
Brushed Nickel

Cat. No. 9BL68ECSA
Satin Anodised

For 21.52 mm Glass

Cat. No. L21SECBS
Brushed Stainless Steel

Cat. No. L21SECPS
Polished Stainless Steel

Cat. No. 9BL21ECBN
Brushed Nickel

Cat. No. 9BL21ECSA
Satin Anodised

For 25.52 mm Glass

Cat. No. L25SECBS
Brushed Stainless Steel

Cat. No. L25SECPS
Polished Stainless Steel

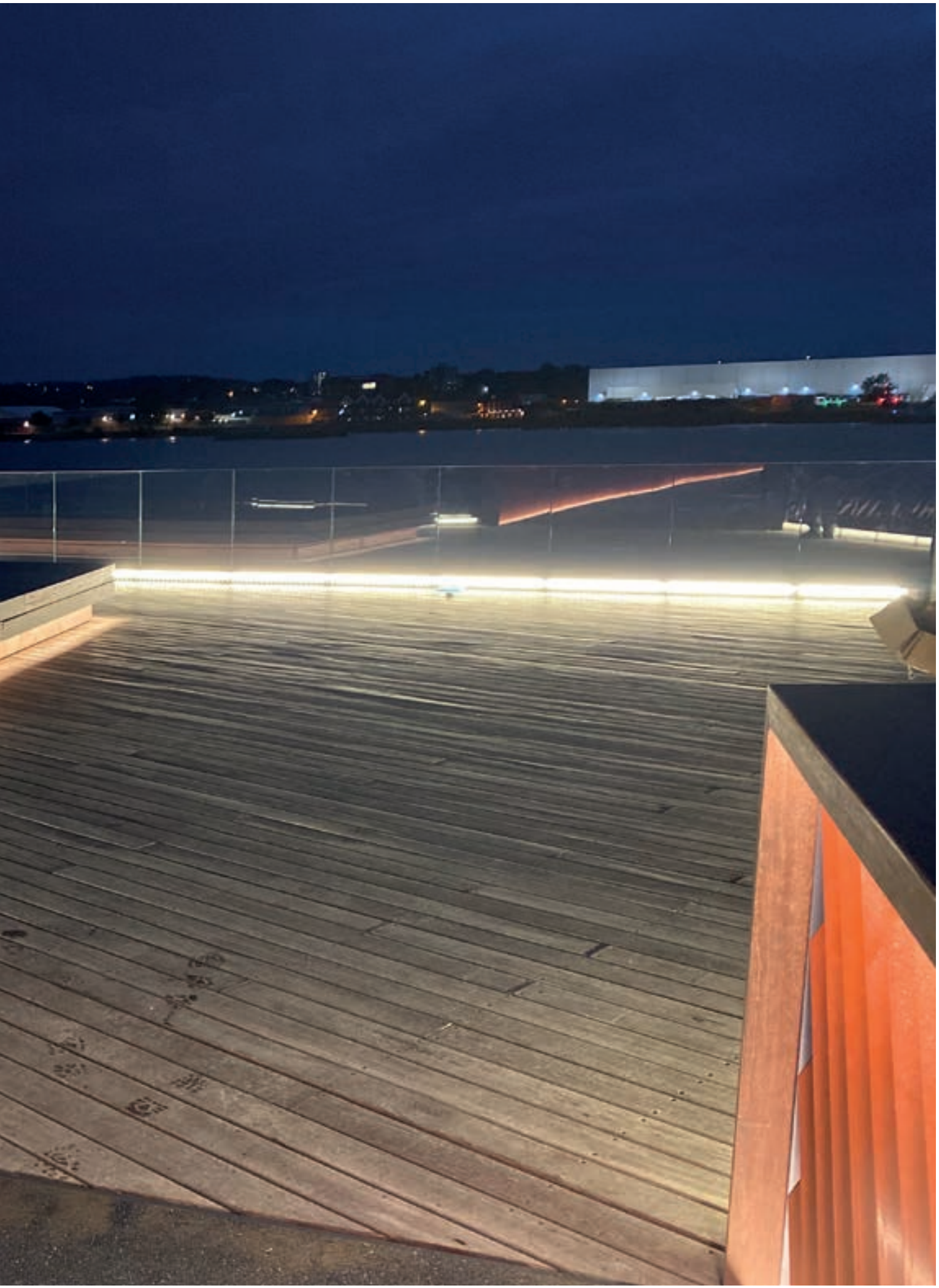
Cat. No. 9BL25ECBN
Brushed Nickel

Cat. No. 9BL25ECSA
Satin Anodised

CRL MEGAgrip

MEGAgrip is CRL's answer to a heavy-duty and fully adjustable 3kN commercial balustrade system, designed as a highly-durable public safety barrier for large commercial constructs.

MEGAgrip uses a variation of our popular Posiglaze screw-clamp technology to secure the glass in place. The system uses a 13 mm Hex Bolt and ¼ inch torque wrench and extension arm to tighten the bolts, for a quick and simple installation. Internal glass clamps allow for easy alignment of the glass within the channel, and are compatible with a wide range of glass thicknesses, making MEGAgrip one of the most adaptable balustrade systems on the market today. It can easily be further fortified with a simple conversion kit, to become a bomb-resistant or bullet-proof balustrade system. MEGAgrip is ideal for use as a public space barrier in busy locations such as transport hubs and venues, where there is a risk of overcrowding.



KEY BENEFITS

FAST AND EASY TO INSTALL AND ADJUST

One of the most simple balustrade systems to fit and adjust thanks to its patented screw-clamp technology. Dry glazed where no specialist tools are required. Glass can easily be removed and replaced if required.

FULLY ACCREDITED UP TO 3.00kN

MEGAgrip is accredited and approved by multiple organisations to verify that it meets national and international building regulations for use as edge protection, where up to 3.00kN force loading is required.

LIGHTWEIGHT AND STRONG

Precision engineered using extruded aluminum with a geometrically hollowed out core, providing an incredible strength to weight ratio. For added protection MEGAgrip is anodised to 25 microns.

APPROPRIATE FOR COMMERCIAL AND ANTI-TERROR USES

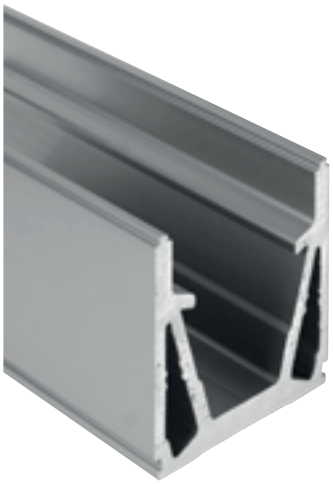
With 3.00kN force loading capability, MEGAgrip is a commercially appropriate product which can be fortified using conversion kits into bomb-resistant or bullet-proof balustrade systems.

CAN BE USED WITH A WIDE RANGE OF GLASS TYPES

MEGAgrip is a highly versatile product which can be used with glass thicknesses ranging from 25 mm - 33 mm, using either toughened glass, toughened PVB laminate glass or SentryGlas.

GLASS IS EASY TO REMOVE AND CHANGE POST USE

MEGAgrip is as easy to assemble as it is to disassemble, making it simple to install replacement glass panels following use as a bomb-resistant or bullet-proof barrier.



CRL MEGAgrip Applications

PUBLIC BUILDINGS

Offices

Government Buildings

Music Venues

Sports Stadiums

Shopping Centres

TRANSPORT HUBS

Airports

Railway Stations

Service Stations

Metro Stations

TALL GLASS SCREENS

Privacy Screens

High Rise Balconies

Penthouses

Restaurant Terraces

Roof Terraces

CRL MEGAgrip Accessories

The complete accessory range...

MEGAgrip benefits from a complete accessory range designed to complement your installation.

The MEGAgrip accessory range includes everything you need to complete your installation, such as end caps to create a tidy finish when your balustrade doesn't finish against a fixed point, side cladding, top bead and 90-degree pre-fabricated corners to make installing a corner extremely simple.

Silver brushed pre-fabricated corner

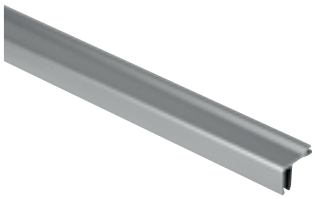
Cat. No. EMG90BN

- Save time on installation by using a pre-fabricated corner
- 90 degree corner
- Includes 4 joining dowels and brushed aluminium top bead to fit the corner

Silver brushed knock-in end cap

Cat. No. EMGDECBN

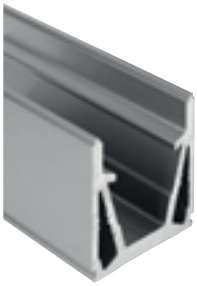
- Seamless tidy finish to any MEGAgrip balustrade installation
- Includes dowels that simply knock into the end of the drilled balustrade channel



Silver brushed aluminum top bead

Cat. No. EMGTS

- Uses tongue in groove system to fix along the top edges of the balustrade for a tidy finish
- Hides the internal mechanism while helping prevent water and debris getting inside
- Available in 3 meter lengths



Silver brushed side cladding

Cat. No. EMGDBN

- Easily fitted with a tongue and groove attachment
- Combines side cladding with top bead for a seamless installation
- Holds co extruded gasket in place
- Gasket not included
- Available in 3 meter lengths

Clamp and gasket set

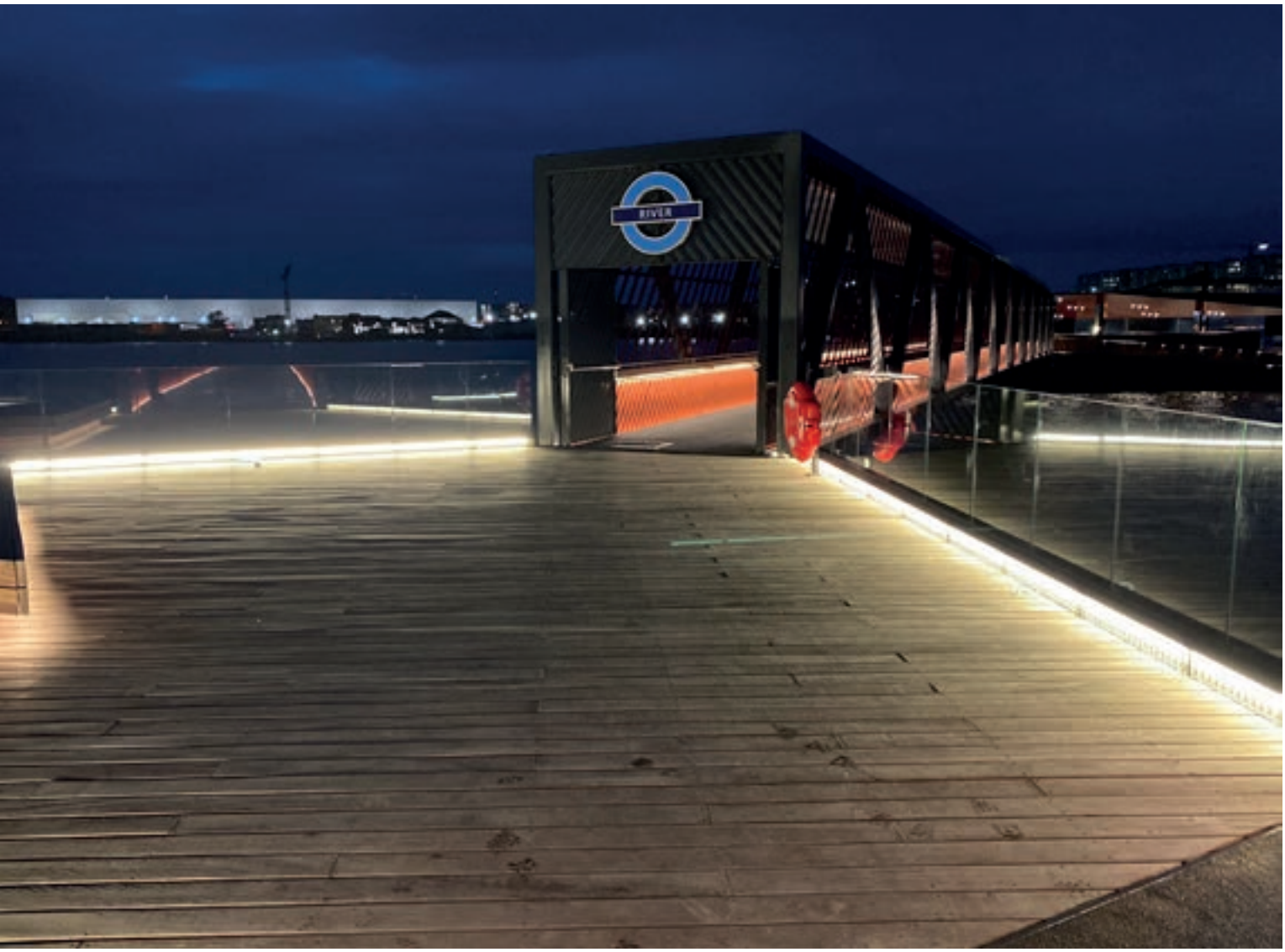
Cat. No. EMG255SET
For a glass thickness of 25.52mm

Cat. No. EMG25SET
For a glass thickness of 25mm

Cat. No. EMG315SET
For a glass thickness of 31.5mm

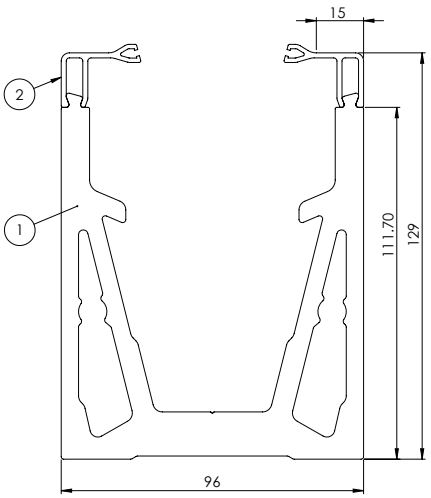
Cat. No. EMG33SET
For a glass thickness of 33mm

Includes
- 1 x 3 meter length of silver brushed aluminium base drilled MEGAgrip channel.
- 2 x 3 meter length of silver brushed aluminium top bead
- 12 clamps
- 24 bars
- 24 MEGAhooks
- 24 M8 flange nuts
- 1 x 6 meter roll of co extruded gasket.

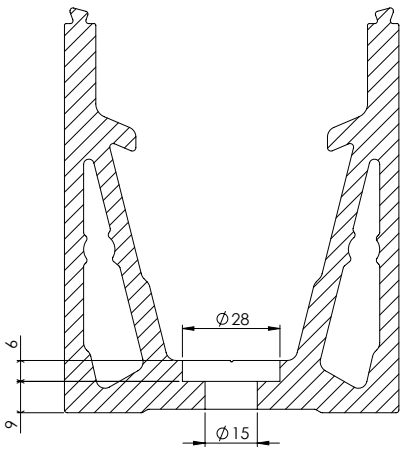


CRL MEGAgrip Technical Drawings

MEGAgrip channel with top bead



MEGAgrip hole dimensions

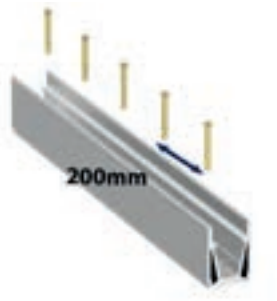


SECTION A-A

CRL MEGAgrip Installation Guide

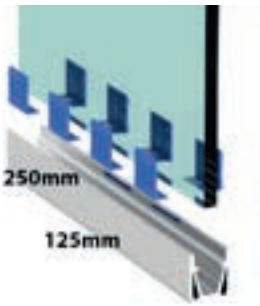
Simple to install and adjust

MEGAgrip is one of the most simple balustrade channel systems to install and adjust with its screw-clamp technology. These step by step instructions guide you through the installation process.



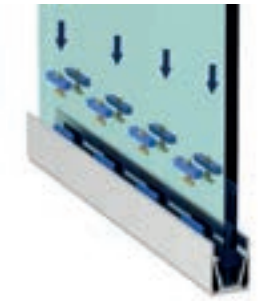
STEP 1 - FIT THE CHANNEL

Drill bolt holes into your substrate starting at 100 mm from the edge and then at 200 mm intervals thereafter. Lay the channel on top aligning it with your drilled holes. Fix the channel using an appropriate bolt.



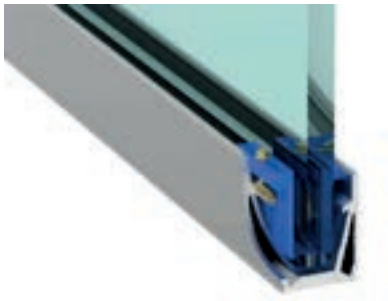
STEP 2 - CLAMP THE GLASS

Make up the clamps by loosely slotting the left and right hand sides together. Clamp these to the bottom edge of the glass at 250 mm intervals, starting at 125 mm from the first side edge. Squeeze the clamps tight around the glass and place the glass into the channel.



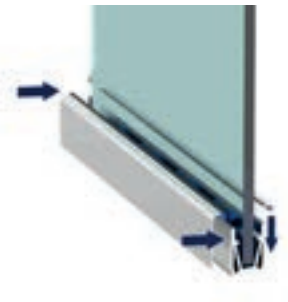
STEP 3 - FIT THE BARS

Assemble the MEGAhooks, nuts and bars so that the wide side of the bar is at the top next to the nut, with the MEGAhook below. Drop these, MEGAhooks down, either side of each glass clamp so that the lip on the MEGAhook hooks into the wall of the channel.



STEP 4 - ADJUST THE GLASS

With the bolts loosely in place, the glass panel can tilt in either direction. Align the panel as required, then tighten the nuts using a torque wrench (Torque setting 15Nm). A threadlocker can provide added security.



STEP 5 - ADD TOP BEAD

Top bead and gasket simply slides or clips onto the top edge of the channel.

STEP 6 - FINISH INSTALLATION

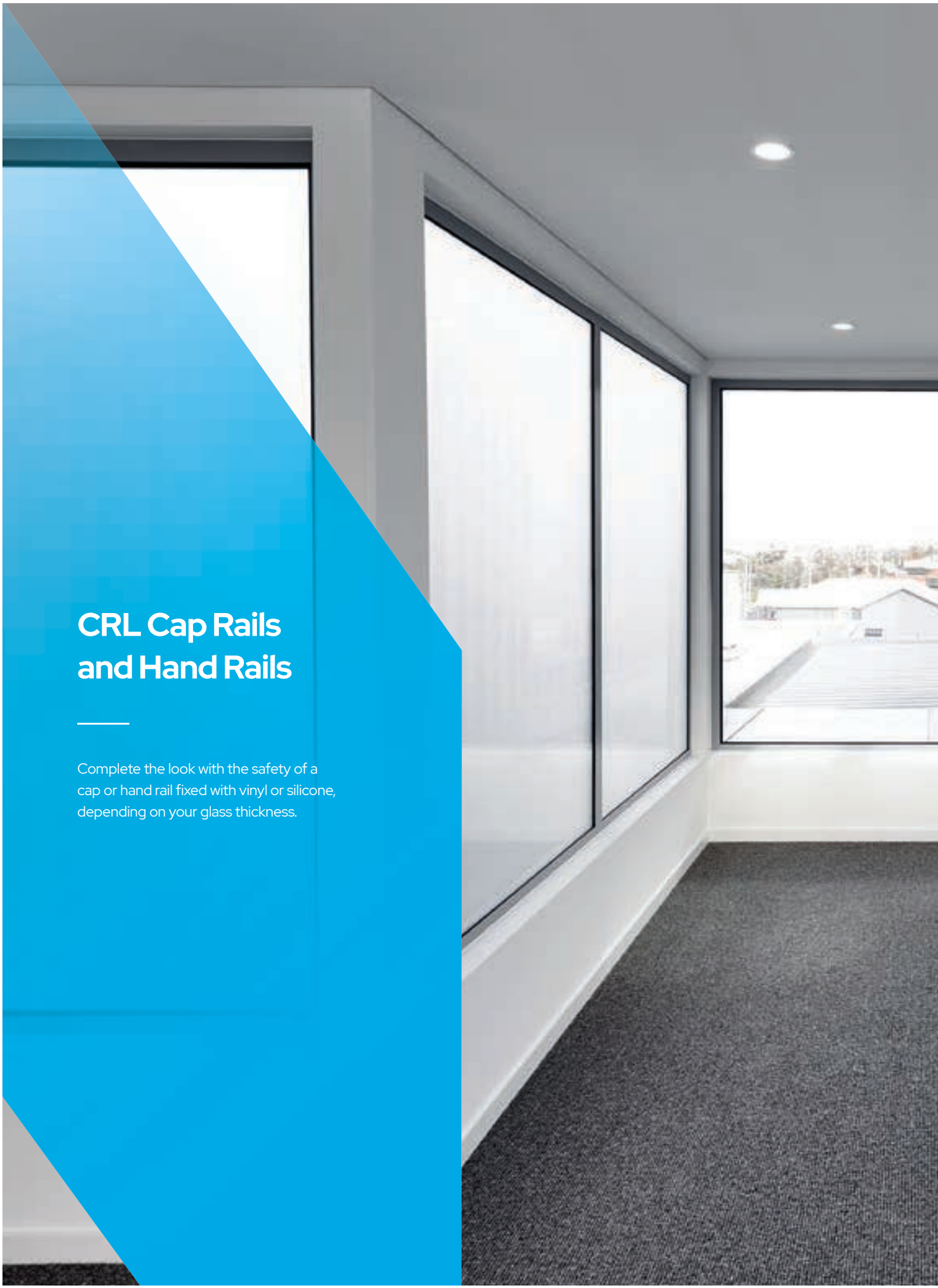
Your installation is complete!

CRL MEGAgrip Accreditations

The table below shows the line loading that MEGAgrip is certified to achieve.

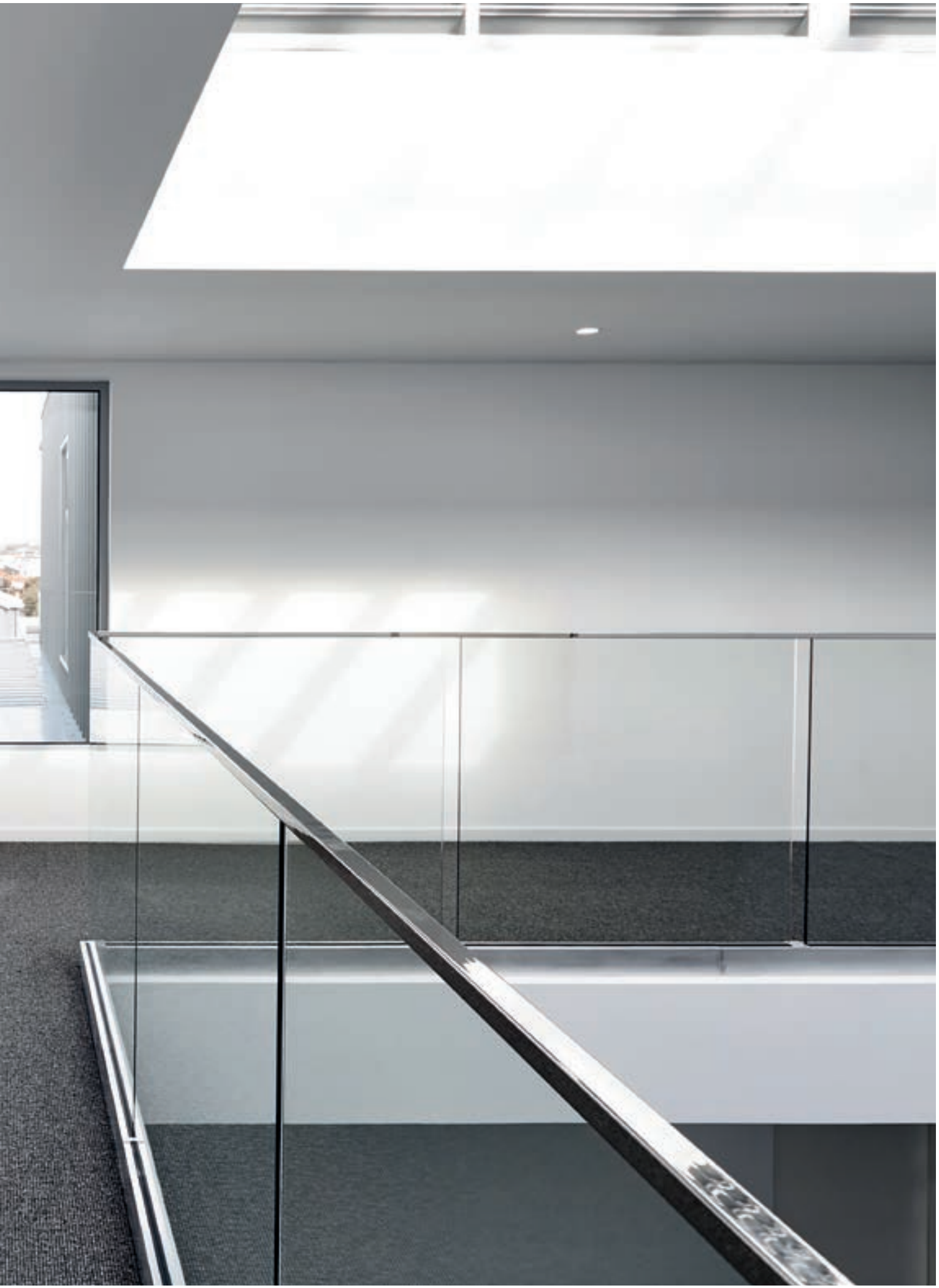
These tests have been conducted in accordance with BS6180:2011 to certify that MEGAgrip meets the force loading requirement under this British standard for a range of glass height and thickness configurations.

GLASS TYPE >		25 MM TOUGHENED GLASS	25.5 MM TOUGHENED PVB			25.5 MM SENTRY GLASS			31.5 MM TOUGHENED PVB			33 MM TOUGHENED PVB
GLASS HEIGHT MM >		1100	1200	1500	1800	1100	1500	1800	1100	1800	2000	1100
0.74kN LINE LOAD	STEEL							✓				
	CONCRETE			✓								
1.50kN LINE LOAD	STEEL		✓				✓			✓	✓	
	CONCRETE		✓				✓	✓			✓	
3.00kN LINE LOAD	STEEL	✓				✓			✓			✓
	CONCRETE	✓				✓			✓			✓

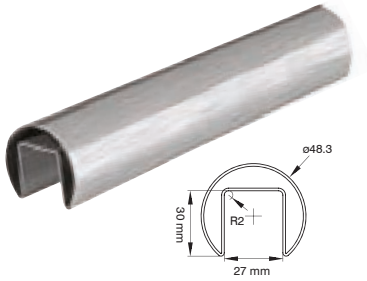


CRL Cap Rails and Hand Rails

Complete the look with the safety of a cap or hand rail fixed with vinyl or silicone, depending on your glass thickness.



CRL Round Cap Rails



CRL Round Cap Rail

- For use with 12 mm to 21.52 mm glass with vinyl inserts - see page 50
- For 25.52 mm glass with silicone - see page 51
- 316 stainless steel
- Connects to a variety of fabricated corners and end caps
- 1.2 mm material thickness

Cat. No. EUGR20BS
Brushed Stainless Steel - 3 m Length

Cat. No. EUGR20BS14
Brushed Stainless Steel - 4.2 m Length

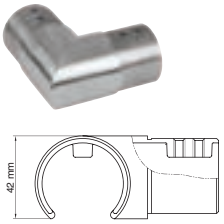
Cat. No. EUGR20PS
Polished Stainless Steel - 3 m Length

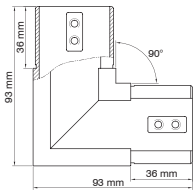
Cat. No. EUGR20PS14
Polished Stainless Steel - 4.2 m Length

CRL Round Internal Connector

- Used with 48.3 mm cap rail
- 316 grade stainless steel
- 1.2 mm material thickness

Cat. No. EUGR20CSS
Brushed Stainless Steel



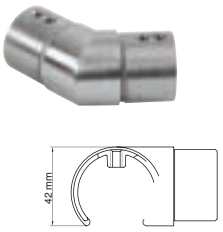


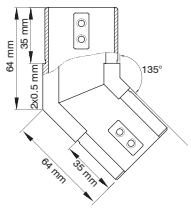
CRL Round 90° Corner

- Used with 48.3 mm cap rail
- 316 grade stainless steel
- 1.2 mm material thickness

Cat. No. EUGR20HBS
Brushed Stainless Steel

Cat. No. EUGR20HPS
Polished Stainless Steel



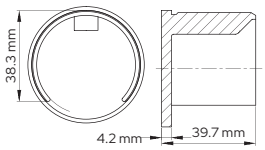


CRL Round 135° Corner

- Used with 48.3 mm cap rail
- 316 grade stainless steel
- 1.2 mm material thickness

Cat. No. EUGR20H3BS
Brushed Stainless Steel

Cat. No. EUGR20H3PS
Polished Stainless Steel

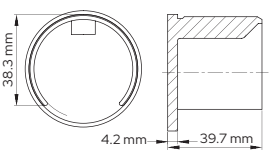


CRL Round End Cap

- Used with 48.3 mm cap rail
- 316 grade stainless steel
- 1.2 mm material thickness

Cat. No. EUGR20ECBS
Brushed Stainless Steel

Cat. No. EUGR20ECPS
Polished Stainless Steel



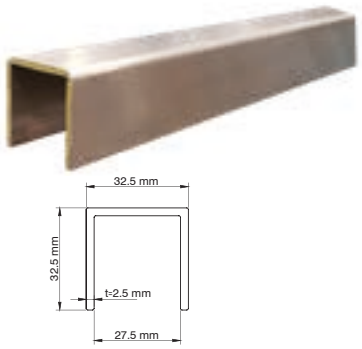
CRL Round Securing End Cap

- Used with 48.3 mm cap rail
- 316 grade stainless steel
- Comes with fixing screws
- 1.2 mm material thickness

Cat. No. EUGR20SECBS
Brushed Stainless Steel

Cat. No. EUGR20SECPS
Polished Stainless Steel

CRL Square Cap Rails



CRL Square Cap Rail

- For 12 mm to 21.52 mm glass with vinyl inserts - see page 50
- Sold per 3 metre length
- 316 grade stainless steel
- 2.5 mm material thickness

Contact our Technical Advisors if using 25.52 mm laminated toughened glass for further details on 00 800 0421 6144

Cat. No. EUL10BS
Brushed Stainless Steel

Cat. No. EUL10PS
Polished Stainless Steel

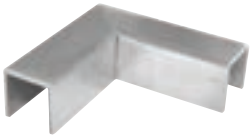
CRL Square Internal Connectors

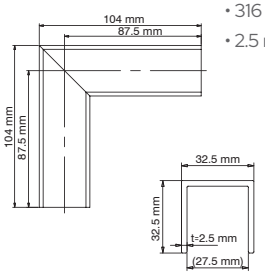
- 316 grade stainless steel
- 2.5 mm material thickness

Cat. No. EUL10CSS
Brushed Stainless Steel

CRL Square 90° Corner

- 316 grade stainless steel
- 2.5 mm material thickness



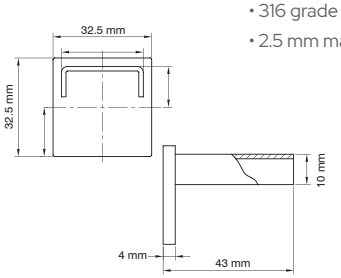


Cat. No. EUL10HBS
Brushed Stainless Steel

Cat. No. EUL10HPS
Polished Stainless Steel

CRL Square End Caps

- 316 grade stainless steel
- 2.5 mm material thickness

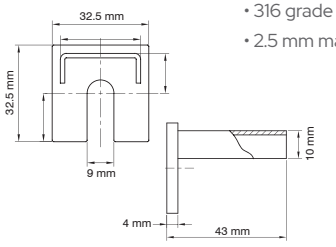


Cat. No. EUL10ECBS
Brushed Stainless Steel

Cat. No. EUL10ECPS
Polished Stainless Steel

CRL Square Securing End Caps

- 316 grade stainless steel
- 2.5 mm material thickness



Cat. No. EUL10SECBS
Brushed Stainless Steel

Cat. No. EUL10SECPS
Polished Stainless Steel

CRL Vinyl Inserts for Round (EUGR20) and Square (EUL10) Cap Rails

CRL Vinyl Insert for 12 mm Glass

- Use with 48.3 mm cap rail and CRL square cap rail
- Cap rail vinyl

Cat. No. EUGR5PV
3 m Length
Cat. No. EUGR5PV14
4.2 m Length

CRL Vinyl Insert for 15 mm Glass

- Use with 48.3 mm cap rail and CRL square cap rail
- Cap rail vinyl

Cat. No. EUGR6PV
3 m Length
Cat. No. EUGR6PV14
4.2 m Length

CRL Vinyl Insert for 19 mm Glass

- Use with 48.3 mm cap rail and CRL square cap rail
- Cap rail vinyl

Cat. No. EUGR7PV
3 m Length
Cat. No. EUGR6PV14
4.2 m Length

CRL Vinyl Insert for 13.52 mm Glass

- Use with 48.3 mm cap rail and CRL square cap rail
- Cap rail vinyl

Cat. No. EUGR56PV
3 m Length
Cat. No. EUGR56PV14
4.2 m Length

CRL Vinyl Insert for 17.52 mm Glass

- Use with 48.3 mm cap rail and CRL square cap rail
- Cap rail vinyl

Cat. No. EUGR68PV
3 m Length
Cat. No. EUGR68PV14
4.2 m Length

CRL Vinyl Insert for 21.52 mm Glass

- Use with 48.3 mm cap rail and CRL square cap rail
- Cap rail vinyl

Cat. No. EUGR21PV
3 m Length
Cat. No. EUGR21PV14
4.2 m Length

For 25.52 mm glass use EURTV408 Silicone - see overleaf

CRL Cement & Silicone

CRL Loctite® Metal Contact Cement

- The strength of an epoxy and the speed of an instant adhesive
- Permanently bonds cap rails, hand rails, and their accessories with superior strength holding power up to 4,900psi
- Offers handling strength in 60 seconds, full cure in 24 hours
- Fixing handrail and cap rail connectors

CRL Loctite® 60 Second Primer for Metal Contact Cement

- Use with Cat. No. 32629 for 60 second activation
- Single component non-CFC solvent based surface activator

Cat. No. 32629
Contact Cement

Cat. No. 7649
60 Second Primer

CRL Kwixset® Expanding Cement

- Suitable for exterior and interior applications
- Great for setting core mount stanchions for vertical posts
- Fast setting, will not shrink or crack when used as directed
- CRL recommends consulting with the glass fabricator prior to wet setting laminated tempered glass

Cat. No. KWX25
11.3 kg

Cat. No. KWX50
22.7 kg

CRL Industrial and Construction Silicone

- Low odour, neutral cure formula
- Compatible with insulating glass glazing
- Excellent adhesion to most surfaces
- Low modulus
- High quality formula - low shrinkage
- 300 ml cartridge, 12 per case

Cat. No. EURTV408C
Clear

Cat. No. EURTV408W
White

Cat. No. EURTV408BL
Black

Cat. No. EURTV408G
Grey

CRL Spig-Lite Pro

CRL Spig-Lite Pro is our latest adjustable glass balustrade system that uses individual spigots and utilises the same adjustable clamping system method as CRL Posiglaze. It is quick and easy to install, raising the glass to 32 mm above the floor level which provides natural drainage.

It has been tested to BS6180:2011 to achieve 0.74kN loading required for residential and small commercial applications.

TESTED TO
BS 6180: 2011

CRL Spig-Lite Pro is ideal for residential balustrade installations.

ONLY 2 SPIGOTS & FIXINGS REQUIRED PER METRE
Extremely quick to install, elongated holes to allow for easy alignment.

NO NEED TO DRILL THE GLASS
Our glass clamping mechanism removes the need to hold the glass with locking pins.

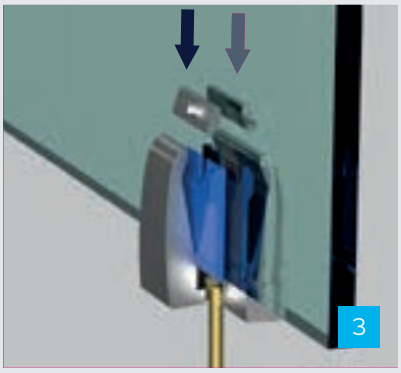
NO DRAINAGE ISSUES
Free drainage between the spigots means no water gets trapped inside the balcony area.

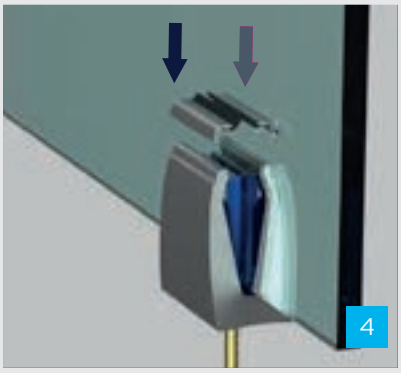
USES THE SAME PROVEN ADJUSTMENT SYSTEM AS POSIGLAZE
Horizontal alignment of each glass panel, ensuring the top edge of the glass is equal.

EXCELLENTLY ENGINEERED
Tested to BS6180:2011 - 0.74kN for private residential and small commercial applications.

GLASS THICKNESSES
- 12 mm and 15 mm toughened monolithic glass
- 21.52 mm toughened laminated glass

NOTE: ALL GLASS CLAMPS HAVE A 1 MM TOLERANCE TO ACCEPT VARYING INTERLAYING THICKNESSES





Spig-Lite Pro is so easy to install

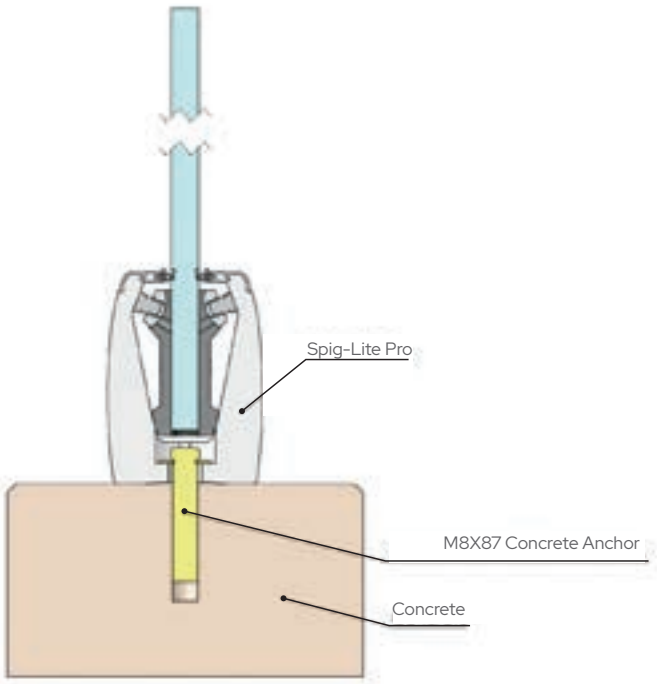
STEP 1
Bolt the spigots to the substrate.
(Only 2 spigots required per metre).

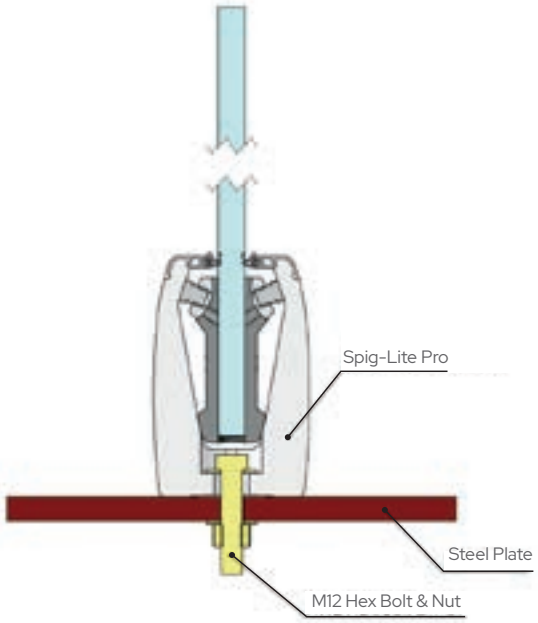
STEP 2
Firmly squeeze the clamps around the glass and lower into the Spigots.

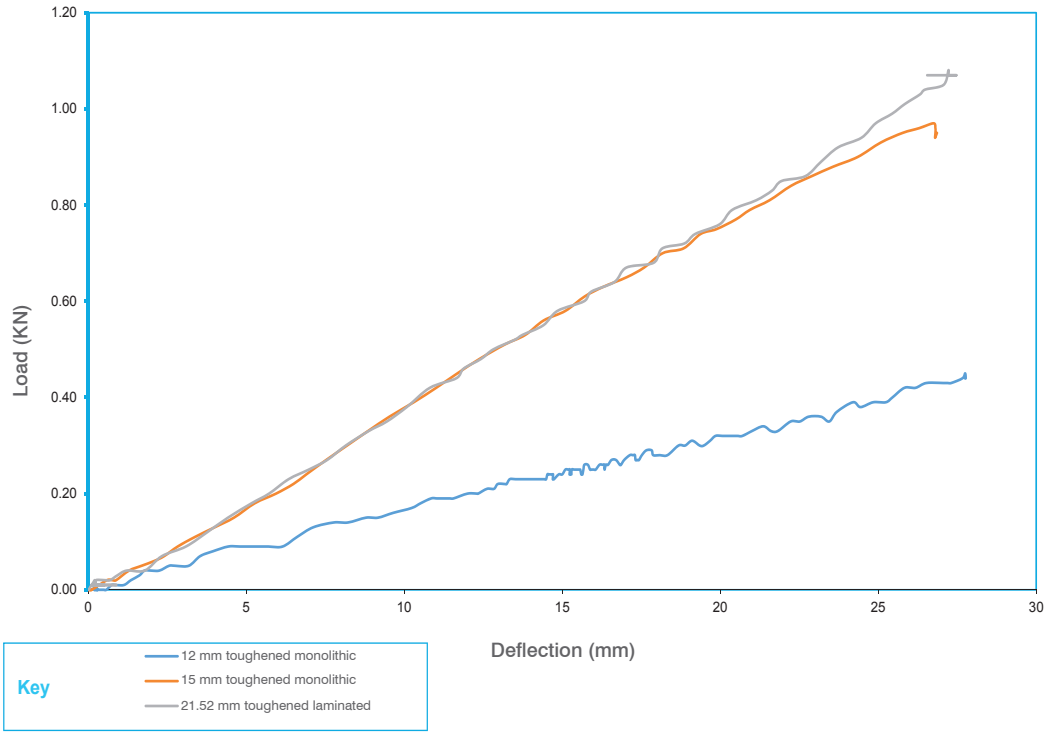
STEP 3
Thread the bolt in the clamp bar and position them within the moulded clamp area. Adjust and lock the glass in position by undoing the screw.

STEP 4
Slip the gasket in the top recess of the top bead. Apply adhesive to the top bead and place on the Spigot.

CRL Spig-Lite Pro Typical Installations







GLASS SPAN (MM)	GLASS THICKNESS	TEST HEIGHT (MM)	IMPOSED LINE LOAD AT 25MM DELFECTION (KN/M)	WORKING LINE LOADS OR SYSTEM (KN/M)	DEFLECTION AT WORKING LINE LOAD FOR SYSTEM (MM)
1000	12 mm toughened monolithic	1100	0.39	0.36	22.8
1000	15 mm toughened monolithic	1100	0.92	0.74	19.38
1000	21.52 mm toughened laminated	1100	0.98	0.74	19.21

CRL Spig-Lite Pro Spigot

For a standard 1 m glass balustrade, the following components will be required:

2 x Spigots

2 x Clamps

4 x Top Clips

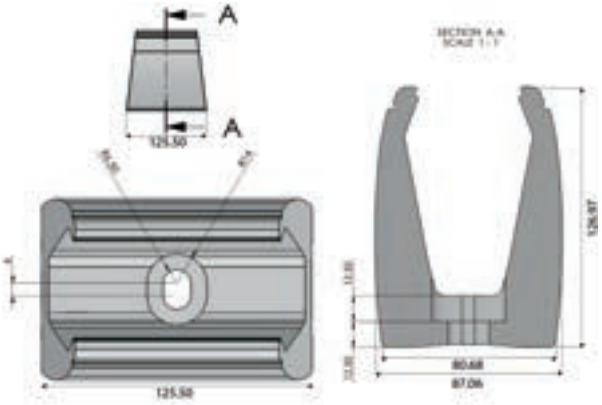
1 x 1 m length Gasket

Spigot

- For use with 12 to 21.52 mm glass
- Pre-drilled in the centre
- Pre-finished Graphite Grey
- End Cap also available ESP1GAEC

Cat. No. ESP1GA
Spig-Lite Pro Spigot

Cat. No. ESP1GASAMPLE
Spig-Lite Pro Sample

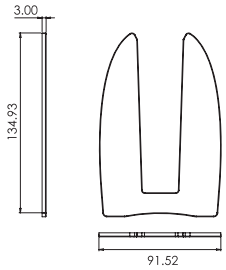


CRL Spig-Lite Pro Components

Top Clip

- Holds the gasket
- Pressed onto the channel at the end of the installation
- Pre-finished Graphite Grey

Cat. No. ESP1GATC
For 12-21.52 mm glass



End Caps

- Aluminium end cap
- Adhere using neutral cure silicone (not provided)

Cat. No. ESP1GAEC

Clamp Kits

- Glass clamps have a ± 1 mm tolerance to accommodate varying interlayer thicknesses in the glass
- Includes the clamp bars which sit into the top mould of the clamps and the clamp bolts which screw into the bars and are then undone to hold the glass in place. These are undone and tightened each side allowing the glass alignment.

Cat. No. ESP1GA12C
For 12 mm glass

Cat. No. ESP1GA15C
For 15 mm glass

Cat. No. ESP1GA17C
For 17.52 mm glass

Cat. No. ESP1GA21C
For 21.52 mm glass

Gasket

- 1 m length

Cat. No. ESP1GASK
For 12-21.52 mm glass

For use with concrete

For use with steel

Bolts for Spiglite pro

Cat. No. EAM8
For use with concrete

Cat. No. HHM12X40
For use with steel

CRL Frameless Windscreen Systems

For an almost invisible "frameless" look...

Our Frameless Windscreen Clamps, which are also known as spigots, provide a break from the wind using an almost invisible "frameless" look. No vertical posts are used between the panels of glass; they are solely supported from the bottom by these high strength stainless steel clamps.

- Also known as spigots
- Gives an 'all-glass' frameless look
- Great for pool fencing, balcony, and deck applications
- Available in two standard architectural finishes
- 316 alloy and duplex 2205 marine grade finishes
- Designed for 12 mm toughened glazing

CRL Frameless Windscreen Clamp System

CRL 2205 Duplex Stainless Steel Surface Mount Friction Fit Spigots

- 2205 Duplex Stainless Steel
- Superior corrosion resistance and strength compared to 316 Stainless
- Friction fit
- Suitable for 12 mm Toughened Glass
- Not designed for guard rail applications

Cat. No. FWCS22BS
Brushed Stainless

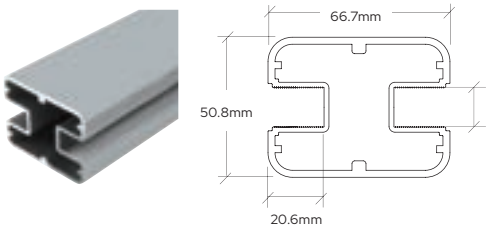
Cat. No. FWCS22PS
Polished Stainless

CRL Brushed Stainless Steel 2205 Round Surface Mount Friction Fit Spigot

- 2205 Duplex Stainless Steel
- Superior corrosion resistance and strength compared to 316 Stainless
- Friction fit
- Suitable for 12 mm Toughened Glass
- Not designed for guard rail applications

Cat. No. FWCR22BS
Brushed Stainless

Cat. No. FWCR22PS
Polished Stainless

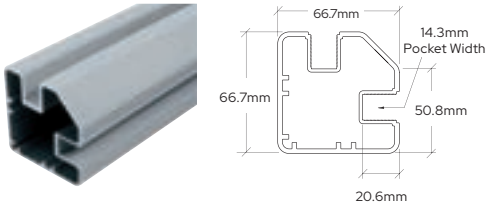


CRL 241" Long 2" x 2-5/8" Square 180 Degree Post

- Ready to install
- Low maintenance with special coating to prevent corrosion
- 6.12 m stock length so you can cut custom heights
- Custom colours also available

Cat. No. SP194S
Silver Metallic

Cat. No. SP194BL
Matte Black

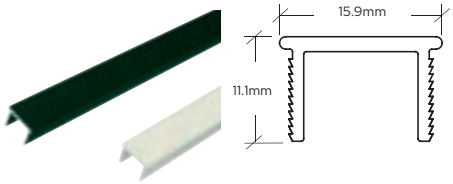


CRL 241" Long 2" x 2-5/8" Square 90 Degree Post

- Ready to install
- Low maintenance with special coating to prevent corrosion
- 6.12 m stock length so you can cut custom heights
- Custom colours also available

Cat. No. SP9194S
Silver Metallic

Cat. No. SP9194BL
Matte Black

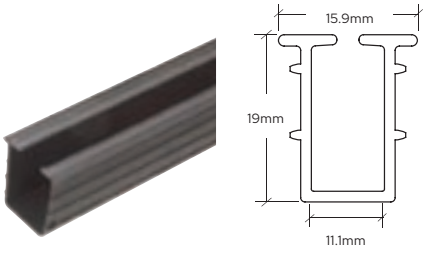


CRL Metallic Silver 241" Glass Barrier Post Filler

- Ready to snap into glass pocket
- Low maintenance
- Special coating to prevent corrosion

Cat. No. PF194S
Silver Metallic

Cat. No. PF194BL
Matte Black

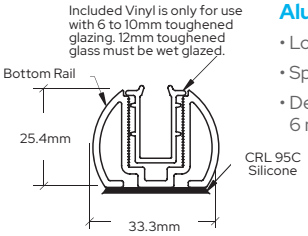


CRL 144" Glass Barrier Post Rigid Glazing Vinyl

- Black colour rigid push-in glazing vinyl for use with aluminium windscreen posts and bottom rails
- Designed to accommodate 6 to 10 mm toughened glazing

Cat. No. GV120BL
Matte Black

CRL Frameless Windscreen Clamp System



CRL 241" Bottom Rail Only for the Aluminum Windscreen System

- Low maintenance
- Special coating to prevent corrosion
- Designed to accommodate 6 mm and 10 mm toughened glazing

Cat. No. BR194S
Silver Metallic

Cat. No. BR194BL
Matte Black

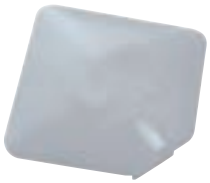
Cap shown on post

CRL Rectangular AWS Post Cap for 180 Degree Center or End Post

- Ready to install
- Attaches to post using crl's EURTV408BL silicone

Cat. No. PC1EWS
Silver Metallic

Cat. No. PC1EWBL
Matte Black



Cap shown on post

CRL Square AWS Post Cap for 90 Degree Corner Post

- Ready to install
- Attaches to post using CRL's EURTV408BL silicon

Cat. No. PC9SS
Silver Metallic

Cat. No. PC9SBL
Matte Black

CRL AWS Core Mount Stanchions

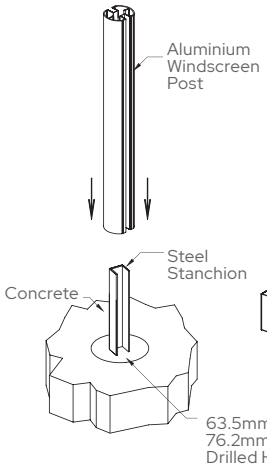
- Galvanized to prevent corrosion
- Available in four different sizes for round or rectangular windscreen posts
- Available in stainless steel for coastal installations
- Fits all of our rectangular or round aluminium posts

Cat. No. PST1
457 mm height
Grade 50 steel
Posts up to 914 mm high
3.2 mm thick

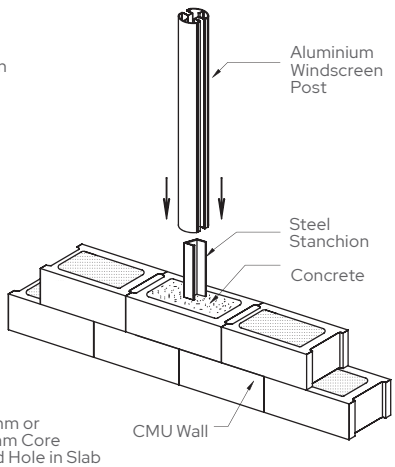
Cat. No. PST2
457 mm height
Grade 50 steel
Posts up to 1219 mm high
6.3 mm thick

Cat. No. PST3
762 mm height
Grade 50 steel
Posts up to 1829 mm high
6.3 mm thick

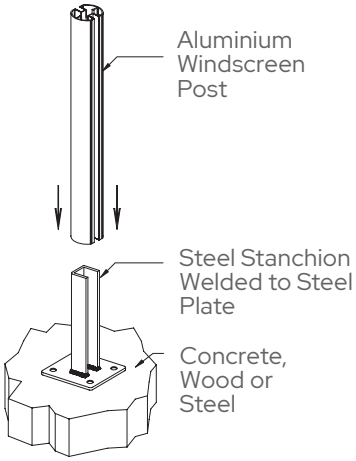
Core Mount Installation for a Concrete Slab



Core Mount Installation for CMU Block Walls



CRL Frameless Windscreen Clamp System



CRL AWS Welded Steel Surface Mount Stanchions

- Mounting bases available in seven standard colours, plus unfinished chromate to match AWS posts
- 90,135, and 180 degree bases are designed for concrete or steel installations
- Attaches to the post using our EURTV408BL silicone
- Galvanized and powder coated to prevent corrosion

Steel Stanchions for Post Heights up to 1219mm (Stanchion height 762mm)

Cat. No. PSB1BS
Metallic Silver
For 180° Round/Rectangular Centre/End

Cat. No. PSB1BBL
Matte Black
For 180° Round/Rectangular Centre/End

Cat. No. PSB3BS
Metallic Silver
For 90° Rectangular Posts

Cat. No. PSB3BBL
Matte Black
For 90° Rectangular Posts

Steel Stanchions for Post Heights up to 1219 mm (Stanchion height 762 mm)

Cat. No. PSB1CS
Metallic Silver
For 180° Round/Rectangular Centre/End

Cat. No. PSB1CBL
Matte Black
For 180° Round/Rectangular Centre/End

Cat. No. PSB3CS
Metallic Silver
For 90° Rectangular Posts

Cat. No. PSB3CBL
Matte Black
For 90° Rectangular Posts

CRL TAPER-LOC® W5B Series Base Shoe for Windscreen and Partition Screens

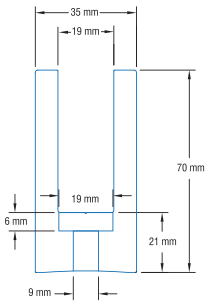
Designed for fixing 10 and 12 mm glass

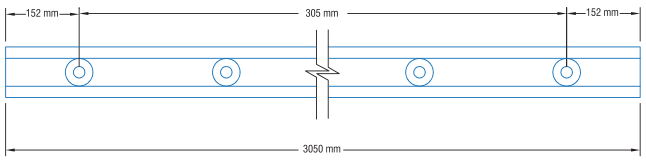
- For windscreens and partitions
- For use with 10 mm monolithic toughened glass
- For 12 mm glass use wet-glaze cement
- When using 10 mm glass use TL3X10 (see page 26)

Measurements:

Stock length: 3.05 mm
Hole Size: 9 mm
Counter Bore: 19 mm
Depth: 6 mm
Centre-to-Centre: 305 mm
Pre-Drilled

Cat. No. W5B10D
Mill Finish





CRL TAPER-LOC® Cladding for Windscreen Base Shoe

304 Grade

Cat. No. BWCBS10
Brushed Stainless Steel

Cat. No. BWCPS10
Polished Stainless Steel

CRL TAPER-LOC® End Caps for Windscreen Base Shoe

304 Grade

Cat. No. B5WECBS
Brushed Stainless Steel

Cat. No. B5WECPS
Polished Stainless Steel

CRL TAPER-LOC® W7B Series Base Shoe for Windscreens and Partition Screens

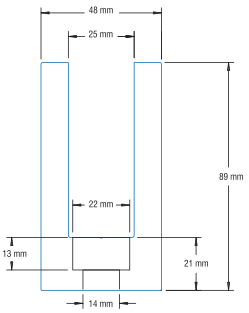
Designed for fixing 19 mm glass

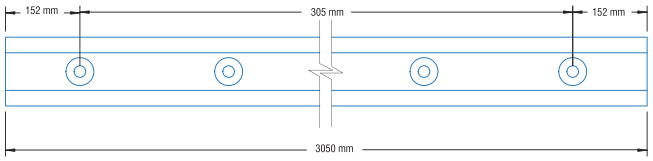
- For windscreens and partitions
- For use with 19 mm monolithic toughened glass
- Designed for wet-glaze installations

Measurements:

Stock length: 3.05 mm
Hole Size: 14 mm
Counter Bore: 22 mm
Depth: 13 mm
Centre-to-Centre: 305 mm
Pre-Drilled

Cat. No. W7B10D
Mill Finish





CRL TAPER-LOC® Cladding for Windscreen Base Shoe

304 Grade

Cat. No. B7WCBS10
Brushed Stainless Steel

Cat. No. B7WCPS10
Polished Stainless Steel

CRL TAPER-LOC® End Caps for Windscreen Base Shoe

304 Grade

Cat. No. B7WECBS
Brushed Stainless Steel

Cat. No. B7WECPS
Polished Stainless Steel

Juliette Balcony System

Safe and Secure Balcony System with Rails

- Tested to a width of 2,400 mm – certificate available
- Tested to BS6180
- 316 Grade Stainless Steel
- For 12 mm or 13.52 mm glass

NOTE: Single pane of glass must be used.

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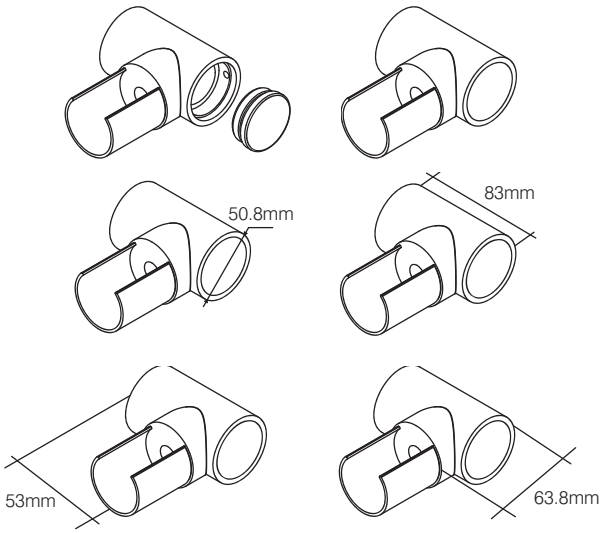
Juliette Balcony System

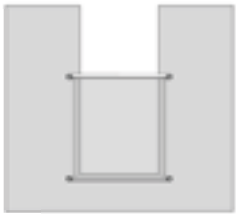


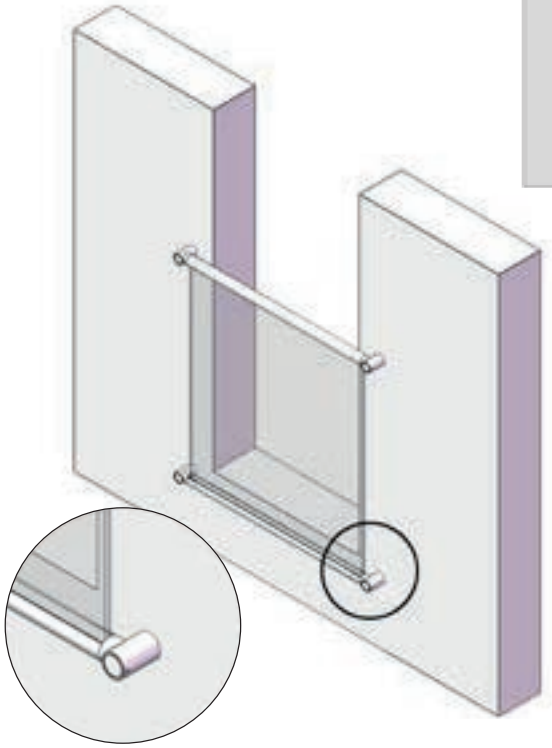
CRL Juliette Balcony Connector

- For use with the 48.3 mm EUGR20 Cap Rail
- 316 Grade Stainless Steel

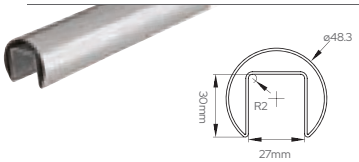
Cat. No. EUGR20JBS
Brushed Stainless Steel

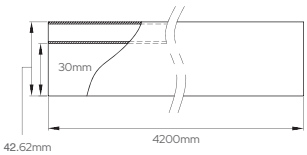
Cat. No. EUGR20JPS
Polished Stainless Steel





Glass Thickness
12 mm to 25.52 mm





48.3mm Diameter Cap Rail

- Connects to a variety of fabricated corners and end caps
- 316 Grade Stainless Steel
- Tested to a width of 2,400 mm - certificate available
- Tested to BS6180
- Single pane of glass must be used
- For 12 mm or 13.52 mm glass

Cat. No. EUGR20BS
Brushed Stainless Steel
3 m Length

Cat. No. EUGR20BS14
Brushed Stainless Steel
4.2 m Length

Cat. No. EUGR20PS
Polished Stainless Steel
3 m Length

Cat. No. EUGR20PS14
Polished Stainless Steel
4.2m Length

CRL Vinyl Insert for 12 mm Glass

- Used with 48.3 mm cap rail and CRL square cap rail
- Cap rail vinyl

Cat. No. EUGR5PV
3 m Length

Cat. No. EUGR5PV14
4.2 m Length

CRL Vinyl Insert for 13.52 mm Glass

- Used with 48.3 mm cap rail and CRL square cap rail
- Cap rail vinyl

Cat. No. EUGR56PV
3 m Length

Cat. No. EUGR56PV14
4.2 m Length

Paris Balcony System

Safe and Secure Frameless Balcony System

- Height 1,200 mm
- Fixes to brickwork, concrete and steel
- Tempered laminated glass
- Tested to BS6180:2011
- Substrate fixings not included
- Profiles can be cut to size on site

- Glass thickness of 21.52 for spans of up to 2,600 mm
- Glass thickness of 17.52 for spans of up to 2,150 mm
- Glass thickness of 13.52 for spans of up to 1,620mm

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Paris Balcony System

CRL Fascia Mount Paris Balcony System 13.52 & 17.52 mm glass thickness

- Height 1,200 mm
- Fixes to brickwork, concrete and steel
- Tempered laminated glass
- Tested to BS6180:2011
- Substrate fixings not included
- Profiles can be cut to size on site
- 13.52 mm = 1,620 mm, 17.52 mm = 2,150 mm max span

Cat. No. PAR1S1GR
Grey RAL 7016

Cat. No. PAR1S1W
White RAL 9016

CRL Fascia Mount Paris Balcony System 21.52 mm glass thickness

- Height 1,200 mm
- Fixes to brickwork, concrete and steel
- Tempered laminated glass
- Tested to BS6180:2011
- Substrate fixings not included
- Profiles can be cut to size on site
- 21.52 mm glass thickness
- 2,600 mm max span

Cat. No. PAR1S2GR
Grey RAL 7016

Cat. No. PAR1S2W
White RAL 9016

CRL Reveal Mount Paris Balcony System 13.52 & 17.52 mm glass thickness

- Height 1,200 mm
- Fixes to brickwork, concrete and steel
- Tempered laminated glass
- Tested to BS6180:2011
- Substrate fixings not included
- Profiles can be cut to size on site
- 13.52 mm = 1,620 mm, 17.52 mm = 2,150 mm max span

Cat. No. PAR1S3GR
Grey RAL 7016

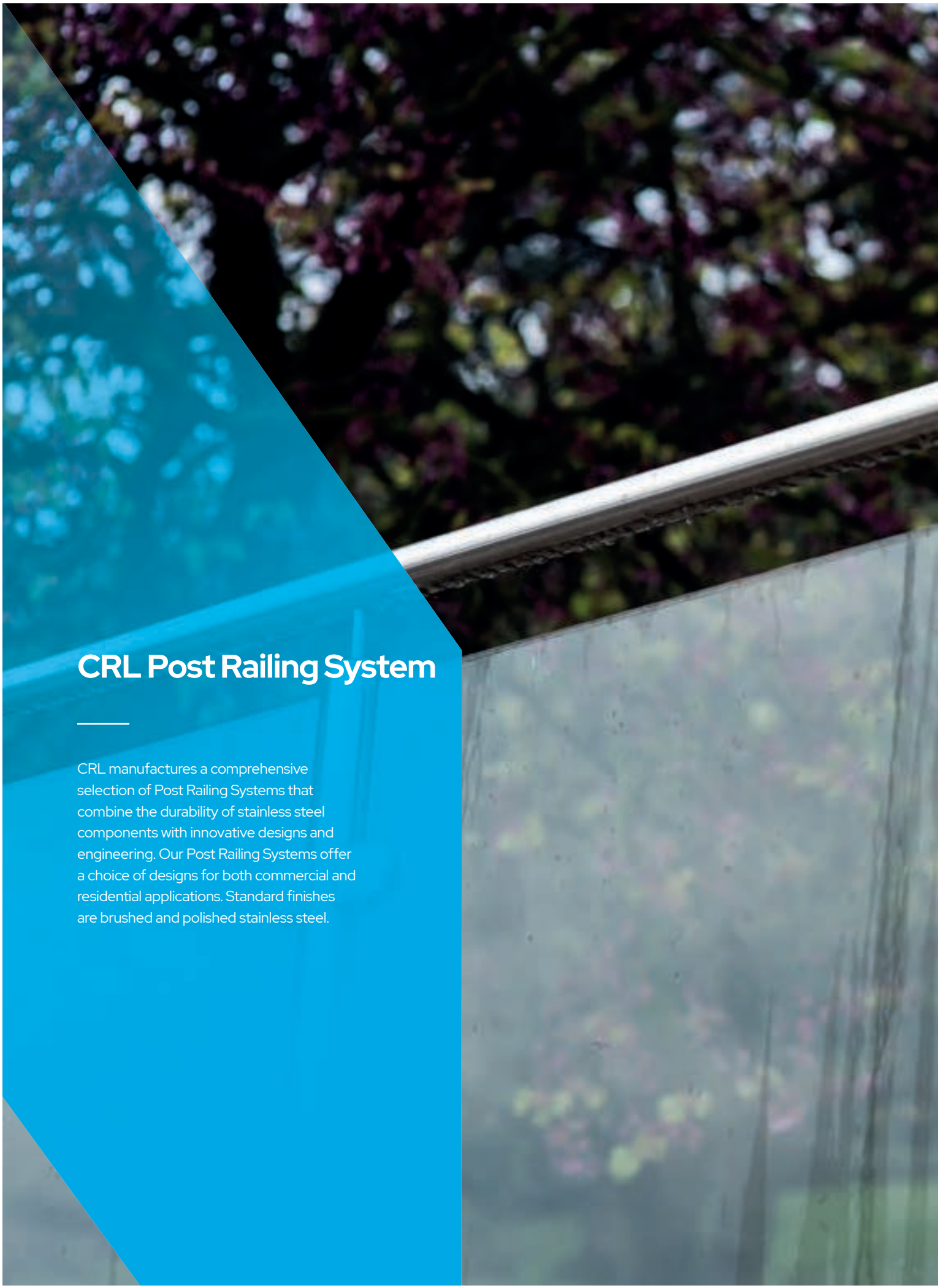
Cat. No. PAR1S3W
White RAL 9016

CRL Reveal Mount Paris Balcony System 21.52 mm glass thickness

- Height 1,200 mm
- Fixes to brickwork, concrete and steel
- Tempered laminated glass
- Tested to BS6180:2011
- Substrate fixings not included
- Profiles can be cut to size on site
- 21.52 mm glass thickness
- 2,600 mm max span

Cat. No. PAR1S4GR
Grey RAL 7016

Cat. No. PAR1S4W
White RAL 9016

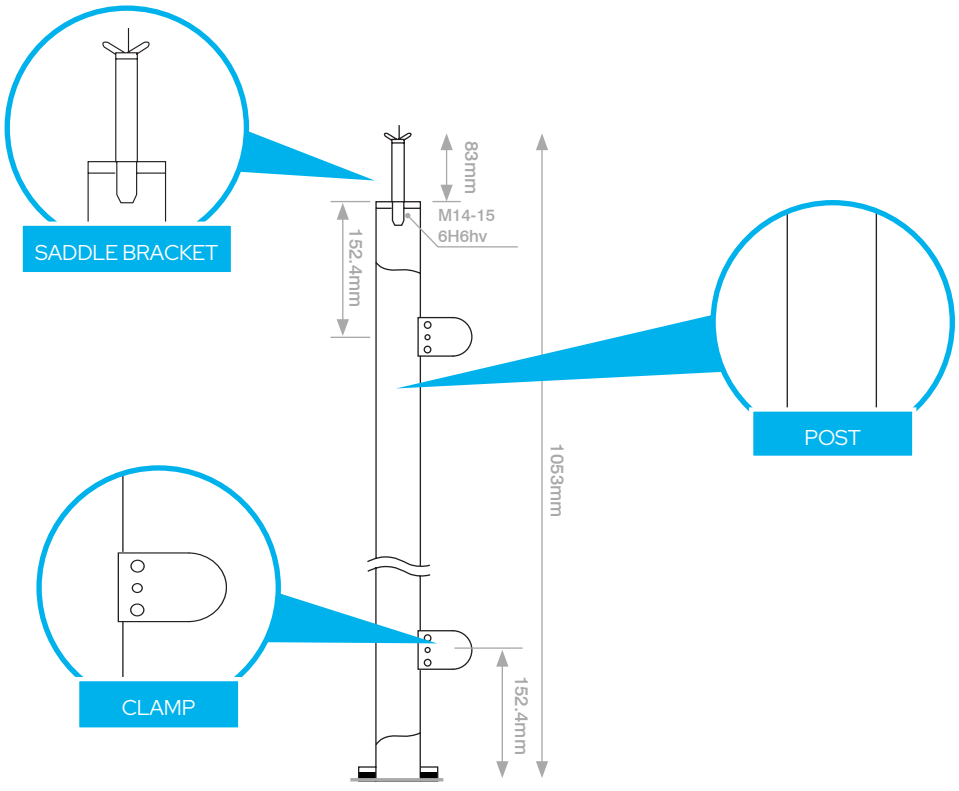


CRL Post Railing System

CRL manufactures a comprehensive selection of Post Railing Systems that combine the durability of stainless steel components with innovative designs and engineering. Our Post Railing Systems offer a choice of designs for both commercial and residential applications. Standard finishes are brushed and polished stainless steel.

CRL Post Railing System

In detail



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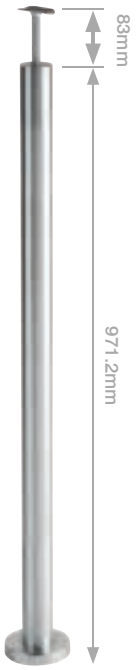
CRL Post Railing System – 50.8 mm Post Kits and Accessories

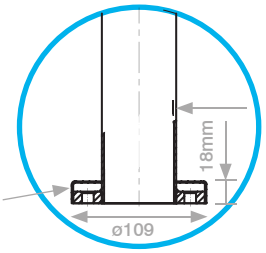


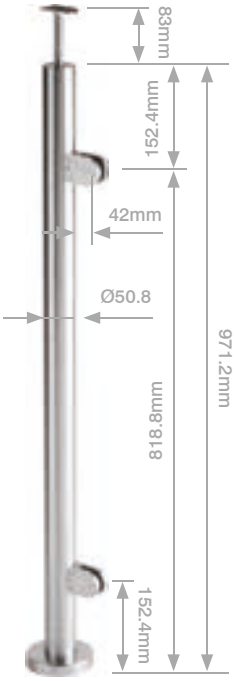
1100 mm Post

- 50.8 mm post kits
- 316 grade stainless steel
- Sold as a complete post kit
- For 8 mm and 12 mm glass
- Available in brushed and polished stainless steel
- 1100 mm high
- No clamps provided
- 2.5 mm material thickness

Cat. No. EUPR42BBS
Brushed Stainless Steel

Glass Thickness 10 - 12 mm





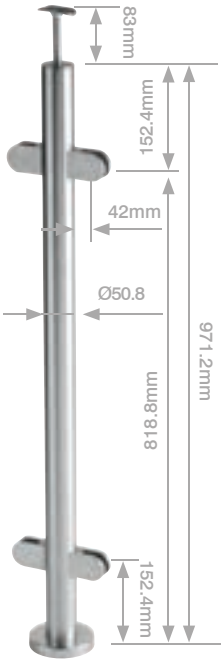
1100 mm End Post Kit

- 50.8 mm post kits
- 316 grade stainless steel
- Sold as a complete post kit
- For 10 mm and 12 mm glass
- Available in brushed and polished stainless steel
- 2.5 mm material thickness

Cat. No. EUPR42EBS
Brushed Stainless Steel

Cat. No. EUPR42EPS
Polished Stainless Steel

Glass Thickness 10 - 12 mm



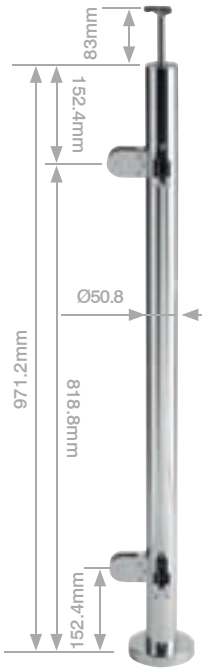
1100 mm Centre Post Kit

- 50.8 mm post kits
- 316 grade stainless steel
- Sold as a complete post kit
- For 10 mm and 12 mm
- Available in brushed and polished stainless steel
- 2.5 mm material thickness

Cat. No. EUPR42CBS
Brushed Stainless Steel

Cat. No. EUPR42CPS
Polished Stainless Steel

Glass Thickness 10 - 12 mm



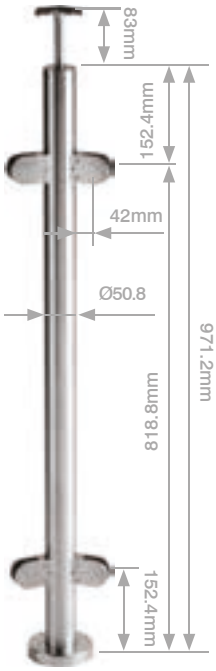
1100 mm 90° Post Kit

- 50.8 mm post kits
- 316 grade stainless steel
- Sold as a complete post kit
- For 10 mm and 12 mm glass
- Available in brushed and polished stainless steel
- 2.5 mm material thickness

Cat. No. EUPR42LBS
Brushed Stainless Steel

Cat. No. EUPR42LPS
Polished Stainless Steel

Glass Thickness 10 - 12 mm



1100 mm 135° Post Kit

- 50.8 mm post kits
- 316 grade stainless steel
- Sold as a complete post kit
- For 10 mm and 12 mm
- Available in brushed and polished stainless steel
- 2.5 mm material thickness

Cat. No. EUPR42ABS
Brushed Stainless Steel

Cat. No. EUPR42APS
Polished Stainless Steel

Glass Thickness 10 - 12 mm

316 Grade Stainless Steel

CRL Post Railing System - 50.8 mm Diameter Hand Rail Components

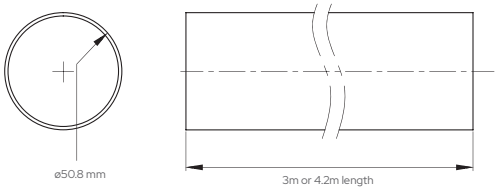
CRL Hand Rail Tubing

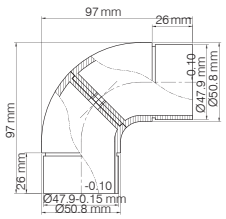
- 50.8 mm diameter
- Available in 3 m or 4.2 m lengths
- Used with European post kits
- 316 grade stainless steel
- 1.2 mm material thicknes

Cat. No. EUHR20BS
Brushed Stainless Steel - 3 m

Cat. No. EUHR20PS
Polished Stainless Steel - 3 m

Cat. No. EUHR20BS14
Brushed Stainless Steel - 4.2 m



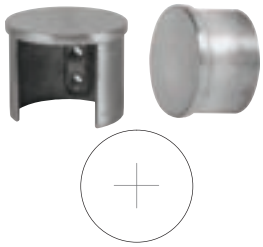


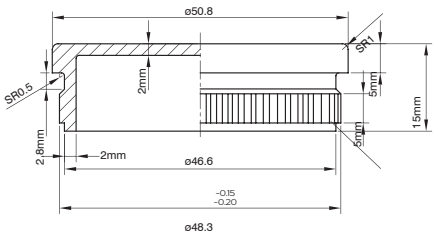
CRL Adjustable Flange

- Used with 50.8 mm diameter handrail tubing
- 316 grade stainless steel
- 1.2 mm material thickness

Cat. No. EUHR20PFBS
Brushed Stainless Steel

Cat. No. EUHR20PFPS
Polished Stainless





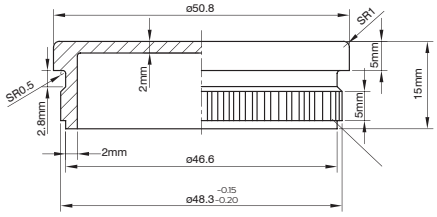
End Cap

- For 50.8 mm post kits
- Used with handrail tubing
- 316 grade stainless steel
- Sold individually

FOR 50.8 MM KITS

Cat. No. EUHR20ECBS
Brushed Stainless Steel

Cat. No. EUHR20ECPS
Polished Stainless



Securing End Cap

- For 50.8 mm post kits
- Used with handrail tubing
- 316 grade stainless steel
- Sold individually

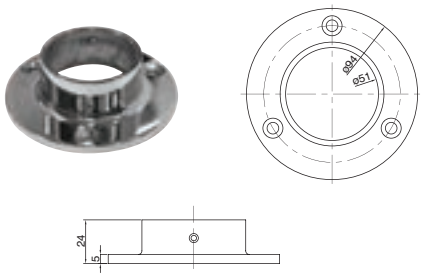
FOR 50.8 MM KITS

Cat. No. EUHR20SECBS
Brushed Stainless Steel

Cat. No. EUHR20SECPS
Polished Stainless

316 Grade Stainless Steel

CRL Post Railing System – 50.8 mm Diameter Hand Rail Components



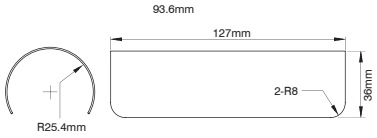
CRL Full Flange

- For 50.8 mm Tubing
- 316 grade stainless steel

FOR 50.8 MM KITS

Cat. No. EUHR20YBS
Brushed Stainless Steel

Cat. No. EUHR20YPS
Polished Stainless Steel

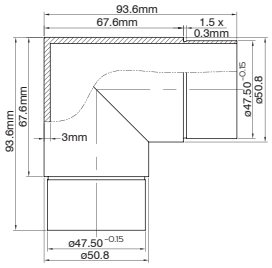


Internal Connector

- For 50.8 mm post kits
- Used with handrail tubing
- 316 grade stainless steel

FOR 50.8 MM KITS

Cat. No. EUHR20CSS
Brushed Stainless Steel



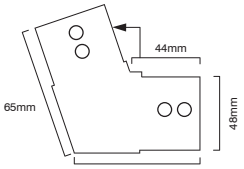
90° Corner

- For 50.8 mm post kits
- Used with European post kits
- 316 grade stainless steel
- Sold individually

FOR 50.8 MM KITS

Cat. No. EUHR20HBS
Brushed Stainless Steel

Cat. No. EUHR20HPS
Polished Stainless Steel



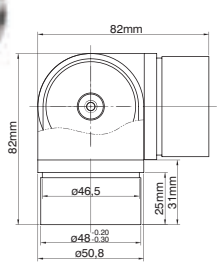
135° Corner

- Used with handrail tubing
- 316 grade stainless steel
- Sold individually

FOR 50.8 MM KITS

Cat. No. EUHR20H3BS
Brushed Stainless Steel

Cat. No. EUHR20H3PS
Polished Stainless Steel



Adjustable Handrail Fitting

- For 50.8 mm post kits
- Used with handrail tubing
- 316 grade stainless steel
- Sold individually

FOR 50.8 MM KITS

Cat. No. EUHR20ADJBS
Brushed Stainless Steel

Cat. No. EUHR20ADJPS
Polished Stainless Steel

For Saddle Brackets and End caps see page 75 & 76

316 Grade Stainless Steel

CRL Post Railing System - 42.4 mm Post Kits

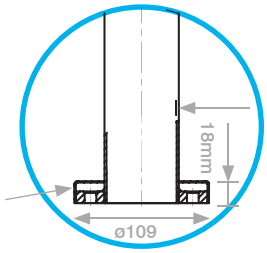
1100 mm Post

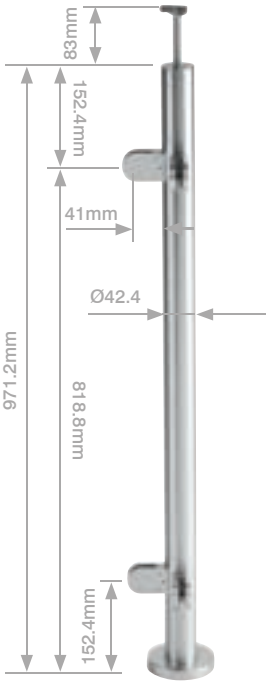
- 42.4 mm posts
- 316 grade stainless steel
- For 8.76 mm, 10 mm, 10.76 mm and 12 mm glass
- Available in brushed and polished stainless steel
- 1100 mm high
- No clamps provided
- 2.5 mm material thickness
- Sold as a complete post kit

Cat. No. EUPR4242BBS
Brushed Stainless Steel

Cat. No. EUPR4242BPS
Polished Stainless Steel

Glass Thickness 10 - 12 mm





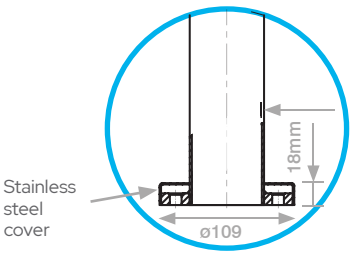
1100 mm 90° Post Kit

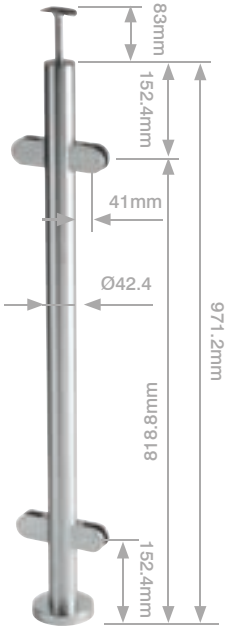
- 42.4 mm posts
- 316 grade stainless steel
- Sold as a complete post kit
- For 8.76 mm, 10 mm, 10.76 mm and 12 mm glass
- Available in brushed and polished stainless steel
- 2.5 mm material thickness

Cat. No. EUPR4242LBS
Brushed Stainless Steel

Cat. No. EUPR4242LPS
Polished Stainless Steel

Glass Thickness 10 - 12 mm





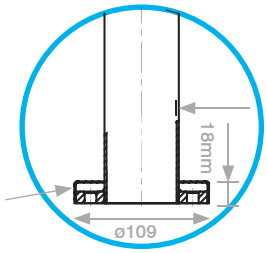
1100 mm Centre Post Kit

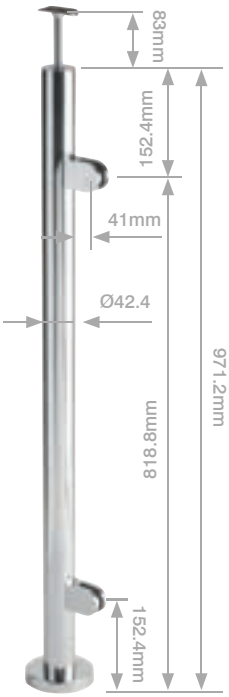
- 42.4 mm posts
- 316 grade stainless steel
- Sold as a complete post kit
- For 8.76 mm, 10 mm, 10.76 mm and 12 mm glass
- Available in brushed and polished stainless steel
- 2.5 mm material thickness

Cat. No. EUPR4242CBS
Brushed Stainless Steel

Cat. No. EUPR4242CPS
Polished Stainless Steel

Glass Thickness 10 - 12 mm





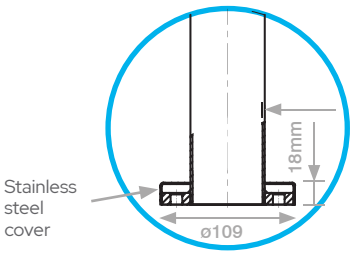
1100 mm End Post Kit

- 42.4 mm posts
- 316 grade stainless steel
- Sold as a complete post kit
- For 8.76 mm, 10 mm, 10.76 mm and 12 mm glass
- Available in brushed and polished stainless steel
- 2.5 mm material thickness

Cat. No. EUPR4242EBS
Brushed Stainless Steel

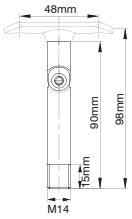
Cat. No. EUPR4242EPS
Polished Stainless Steel

Glass Thickness 10 - 12 mm



316 Grade Stainless Steel

CRL Post Railing System – 50.8 & 42.4 mm Diameter Hand Rail Components



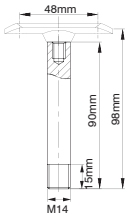
1100 mm Post Angle Bracket

- For 50.8 mm and 42.4 mm posts
- Used with European post kits
- 316 grade stainless steel

FOR 50.8 MM & 42.4 MM KITS

Cat. No. EUPR42ARBS
Brushed Stainless Steel

Cat. No. EUPR42ARPS
Polished Stainless Steel



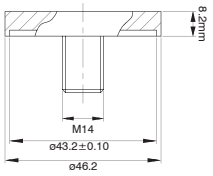
Saddle Bracket 180° Fixed

- For 50.8 mm and 42.4 mm posts
- Used with European post kits
- 316 grade stainless steel

FOR 50.8 MM & 42.4 MM KITS

Cat. No. EUPR42SBBS
Brushed Stainless Steel

Cat. No. EUPR42SBPS
Polished Stainless Steel



1100 mm Post Flat Plate Cap

- For 50.8 mm and 42.4 mm posts
- Used with European post kits
- 316 grade stainless steel

FOR 50.8 MM & 42.4 MM KITS

For 42.4 mm kits

Cat. No. EUPR4242CAPBS
Brushed Stainless Steel

Cat. No. EUPR4242CAPPS
Polished Stainless Steel

For 50.8 mm kits

Cat. No. EUPR42CAPBS
Brushed Stainless Steel

Cat. No. EUPR42CAPPS
Polished Stainless Steel

Handrail

- 42.4 mm handrails
- Available in 3 m or 4.2 m lengths
- 42.4 mm x 1.2 mm

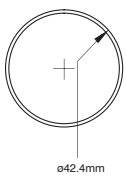
FOR 42.4 MM KITS

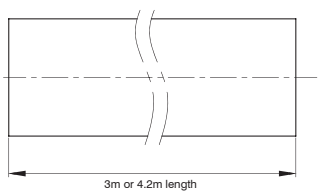
Cat. No. EUHR42BS
Brushed Stainless Steel - 3 m

Cat. No. EUHR42PS
Polished Stainless Steel - 3 m

Cat. No. EUHR42BS14
Brushed Stainless Steel - 4.2 m

Cat. No. EUHR42PS14
Polished Stainless Steel - 4.2 m





316 Grade Stainless Steel

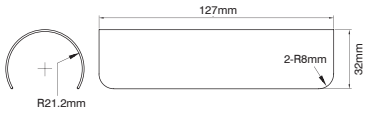
CRL Post Railing System - 42.4 mm Diameter Hand Rail Components

Int Connector

- For 42.4 mm handrails
- 127 mm Length
- Grade 316 Stainless Steel

FOR 42.4 MM KITS

Cat. No. EUHR42CSS
Brushed Stainless Steel



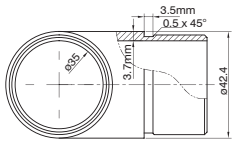
90° Corner

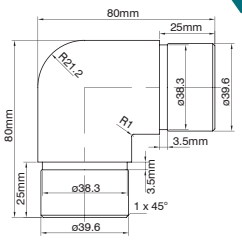
- For 42.4 mm handrail tubing
- 316 Grade Stainless Steel

FOR 42.4 MM KITS

Cat. No. EUHR42HBS
Brushed Stainless Steel

Cat. No. EUHR42HPS
Polished Stainless Steel





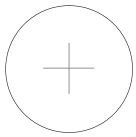
End Cap

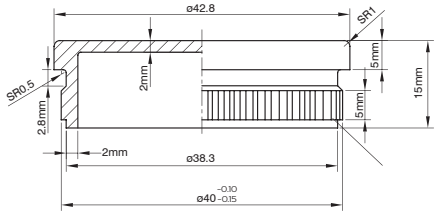
- For 42.4 mm post kits
- Used with 42.4 mm handrail
- 316 grade stainless steel

FOR 42.4 MM KITS

Cat. No. EUHR42ECBS
Brushed Stainless Steel

Cat. No. EUHR42ECPS
Polished Stainless Steel





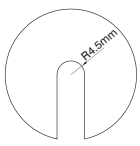
Securing End Cap

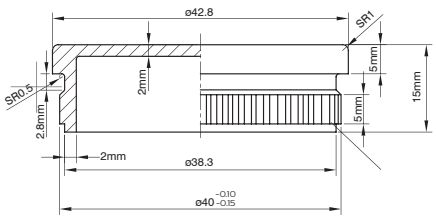
- For 42.4 mm post kits
- Used with 42.4 mm handrail
- 316 grade stainless steel

FOR 42.4 MM KITS

Cat. No. EUHR42SECBS
Brushed Stainless Steel

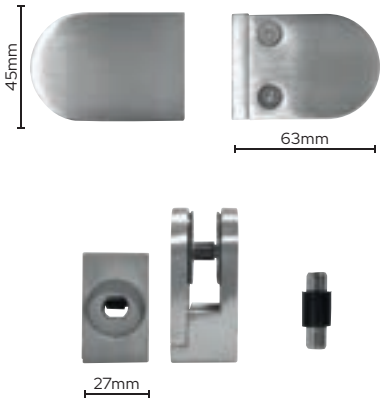
Cat. No. EUHR42SECPS
Polished Stainless Steel





316 Grade Stainless Steel

Ideal Clamps for Pre-Assembled Post Kits



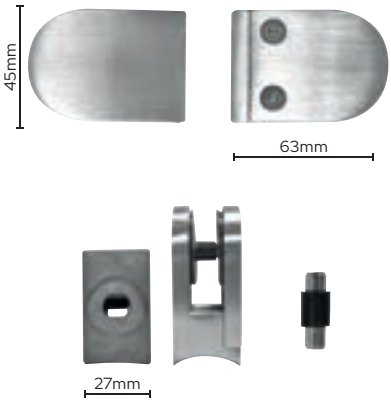
Flat Back Clamp for use with 50.8 mm Diameter Posts

- For use on mezzanines, partitions, railings and windbreaks
- 316 Grade Stainless Steel
- For 10 and 12 mm glass
- Comes complete with gaskets for monolithic toughened glass
- For laminated glass use the EUZ5GASK107 joints
- For support plates order EUZ5SUPP0RT

Cat. No. EUZ51012BS
Brushed Stainless Steel

Cat. No. EUZ51012PS
Polished Stainless Steel

Glass Thickness
10 - 12 mm



Radius Back Clamp for use with 50.8 mm Diameter Posts

- For use on mezzanines, partitions, railings and windbreaks
- 316 Grade Stainless Steel
- For 10 and 12 mm glass
- Comes complete with gaskets for monolithic toughened glass
- For laminated glass use the EUZ5GASK107 joints
- For support plates order EUZ5SUPP0RT

Cat. No. EUZ51012RBS
Brushed Stainless Steel

Cat. No. EUZ51012RPS
Polished Stainless Steel

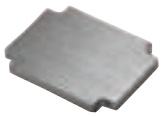
Glass Thickness
10 - 12 mm

Gasket For EUZ5 Clamps

- Gaskets to be Used with EUZ51012 Clamps
- Suitable for laminated glass (tempered laminated)

Cat. No. EUZ5GASK107
For 10.7mm Glass

Cat. No. EUZ5GASK87
For 8.7mm Glass



Support Plate For EUZ5 Clamps

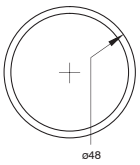
- Bottom supporting plate to be used with EUZ51012 clamps
- Suitable when laminated glass (tempered laminated) is installed
- This supporting plate prevents the clamp from applying too much pressure on the surfaces of the glass

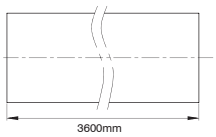
Cat. No. EUZ5SUPP0RT

The range of clamps shown here are ideal for our range of pre-assembled post kits.
For alternative clamp options, please see page 84

316 Grade Stainless Steel

CRL Custom Post Components 48.3 mm - Fabrication Required



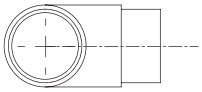


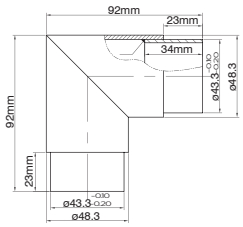
3600 mm Brushed Stainless Steel Tubing

- 48.3 mm diameter
- 316 grade stainless steel
- 2.5 mm material thickness
- Post and Handrail

Cat. No. EUHR4825BS
Brushed Stainless Steel

Cat. No. EUHR4825PS
Polished Stainless Steel



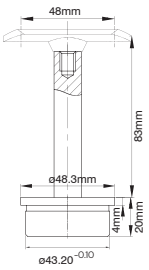


90° Mitred Corner

- 48.3 mm diameter
- 316 grade stainless steel

Cat. No. EUHR4825MCBS
Brushed Stainless Steel

Cat. No. EUHR4825MCPS
Polished Stainless Steel

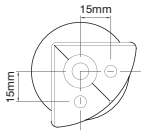


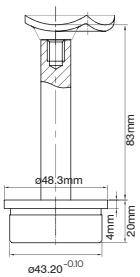
180° Post Mount Fixed Saddle

- 48.3 mm diameter
- 316 grade stainless steel

Cat. No. EUHR4825SBS
Brushed Stainless Steel

Cat. No. EUHR4825SPS
Polished Stainless Steel



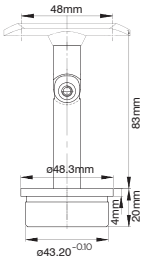


90° Mount Fixed Saddle

- 48.3 mm
- 316 grade stainless steel

Cat. No. EUHR4825SHBS
Brushed Stainless Steel

Cat. No. EUHR4825SHPS
Polished Stainless Steel



180° Mount Adjustable Saddle

- To suit 48.3 mm diameter tubing
- 316 grade stainless steel

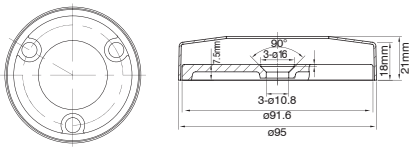
Cat. No. EUHR4825ASBS
Brushed Stainless Steel

Cat. No. EUHR4825ASPS
Polished Stainless Steel

CRL also offers a full range of components for custom post railing systems

316 Grade Stainless Steel

CRL Custom Post Components 48.3 mm – Fabrication Required

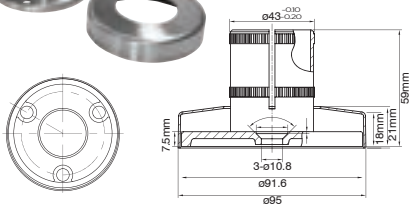


Flange & Canopy Kit

- To suit 48.3 mm diameter tubing
- 316 grade stainless steel

Cat. No.
EUHR4825XCBS
Brushed Stainless Steel

Cat. No.
EUHR4825XCPS
Polished Stainless Steel

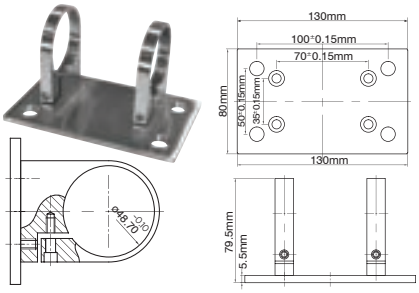


Flange / Canopy / Tube

- To suit 48.3 mm diameter tubing
- 316 grade stainless steel

Cat. No.
EUHR4825XBS
Brushed Stainless Steel

Cat. No.
EUHR4825XPS
Polished Stainless Steel

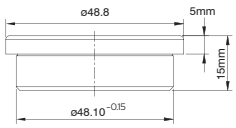


Fascia Bracket

- To suit 48.3 mm diameter tubing
- 316 grade stainless steel

Cat. No.
EUHR4825FBBS
Brushed Stainless Steel

Cat. No.
EUHR4825FBPS
Polished Stainless Steel



End Caps

- To suit 48.3 mm diameter tubing
- 316 grade brushed stainless steel

Cat. No.
EUHR4825ECBS
Brushed Stainless Steel

Cat. No.
EUHR4825ECPS
Polished Stainless Steel

Exterior corner Fascia Bracket

- To suit 48.3 mm diameter tubing
- 316 grade stainless steel

Cat. No.
EUHR4825CFBBS
Brushed Stainless Steel

Internal Corner Fascia Bracket

- To suit 48.3 mm diameter tubing
- 316 grade stainless steel

Cat. No.
EUHR48251CFBBS
Brushed Stainless Steel

316 Grade Stainless Steel

CRL Heavy Duty Standoffs

Heavy duty, point supported Glass Rail Standoffs

CRL's heavy-duty, point supported Glass Rail Standoff Fittings gives the installer more adjustment during installation for those tricky job site mounting conditions. The steel back plate can be fastened directly to steel, concrete, or wood substrates and shimmed as required with blocking.

- Complete with mounting plate
- For use with 12 mm and 19 mm monolithic toughened glass or 13.5 mm and 21.5 mm laminated toughened glass using DuPont™ SentryGlas® Interlayers
- Brushed or polished 316 grade stainless finishes available
- Designed for steel, wood, and concrete substrates

Freephone: 00 800 0421 6144 **t:** +44 (0) 1706 863 600 **e:** crl@crlaurence.co.uk **w:** crlaurence.co.uk

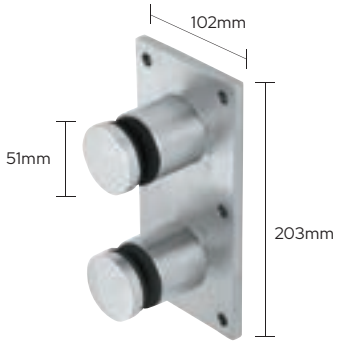
CRL Heavy Duty Standoffs

CRL Glass Rail Standoff Base and Cap

- Compact Design with Base, Cap, and Mounting Stud
- For use with 12 and 19 mm monolithic tempered glass or 13.52 and 21.52 mm laminated tempered glass Using Kuraray SentryGlas® Interlayer
- High Grade Alloy 316 Stainless Steel Standard
- For Mounting to Steel, Concrete, or Wood Substrate

Cat. No. RSOB2134BS
Brushed Stainless Steel

Cat. No. RSOB2134PS
Polished Stainless Steel

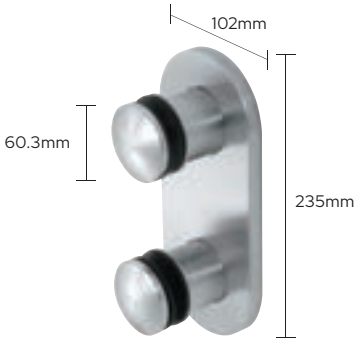


CRL Glass Rail Standoff Fittings Standard 51 mm Diameter Caps

- For use with 12 mm and 19 mm monolithic toughened glass or 13.5 mm and 21.5 mm laminated toughened glass using DuPont™ SentryGlas® Interlayers
- Two 19 mm diameter holes per fitting
- Full engineering data available at **crlaurence.co.uk**

Cat. No. RS0B20BS
Brushed Stainless Steel

Cat. No. RS0B20PS
Polished Stainless Steel

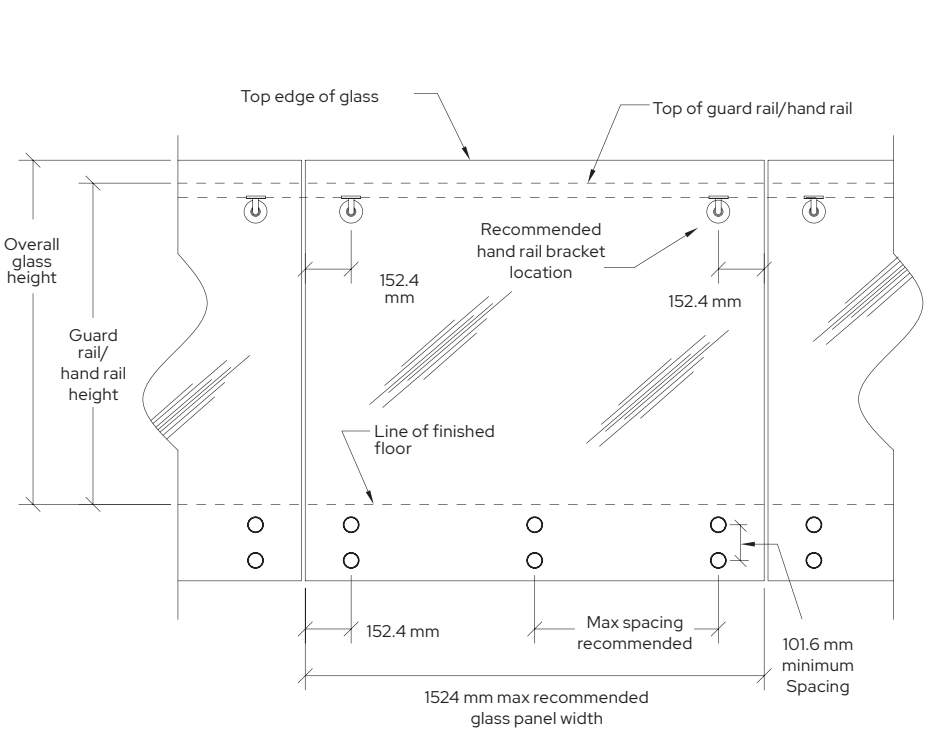


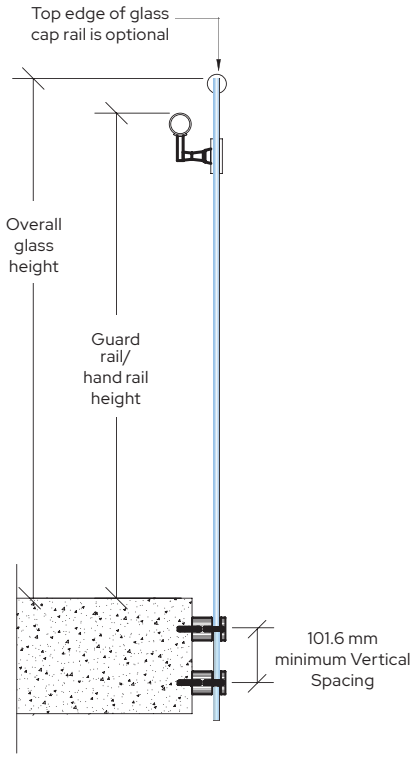
CRL Glass Rail Standoff Fittings Standard 60 mm Diameter Caps

- For use with 12 mm and 19 mm monolithic toughened glass or 13.5 mm and 21.5 mm laminated toughened glass using DuPont™ SentryGlas® Interlayers
- Two 19 mm diameter holes per fitting
- Full engineering data available at **crlaurence.co.uk**

Cat. No. RS0B25BS
Brushed Stainless Steel

Cat. No. RS0B25PS
Polished Stainless Steel





CRL Langle Standoffs

Adjustable standoffs for installation on rough, self supporting substructures

CRL Langle adjustable standoffs have been specifically developed to be installed on rough, self-supporting substructures like concrete or stone. It is perfectly suited for the installation of glass facades as the model with a 60 mm diameter is optimal for the fastening of glass balustrades.

The adjustable standoff offers all necessary adjustments, whether horizontal or vertical as well as horizontal offset adjustments.

CRL Langle Standoffs

RS0B45BS

RS0B60BS

CRL Langle Fix Standoffs

Consisting of:

- 1 flat cap
- 1 spacer
- 2 EPDM
- 1 EPDM

Material:

304 Grade Brushed Stainless Steel

Salt Spray tested to 1000h NSS (DIN EN ISO 12944). Rating according to DINEN ISO 4628-2 and 4628-3

Tested to DIN 18003-3

CODE	Diameter	Wall-Glass	Stud Bolt	Glass Thickness	Cut Out
RS0B45BS	Ø 45 mm	30 mm	M10x70	8 - 20 mm	Ø 22 mm
RS0B60BS	Ø 60 mm	30 mm	M10x70	10 - 24 mm	Ø 26 mm

RS0BA45BS

RS0BA60BS

CRL Langle Adjustable Standoffs

Consisting of:

- 1 flat cap
- 1 spacer
- 1 fixing disc
- 2 EPDM washers, 2 EPDM sleeve, 2 stud bolts M10 (application depending on glass thickness)

Material:

304 Grade Brushed Stainless Steel

Salt Spray tested to DIN EN ISO 4628-2 and 4628-3

Tested to DIN EN ISO 18003-3

CODE	Diameter	Wall-Glass	Stud Bolt	Glass Thickness	Cut Out
RS0BA45BS	Ø 45 mm	25 - 35 mm	M10x30 M10x35	16 - 20 mm 24 mm	Ø 22 mm Ø 22 mm
RS0BA60BS	Ø 60 mm	25 - 35 mm	M10x30 M10x35	16 - 20 mm 24 mm	Ø 26 mm Ø 26 mm

M10 Hanger Bolt 100mm Long

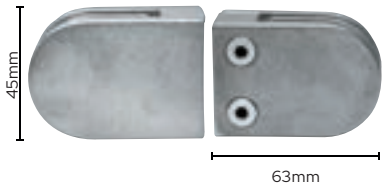
Cat. No. HB10100

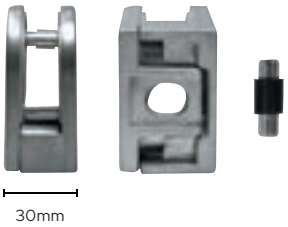
CRL Glass Clamps

CRL supply a comprehensive range of glass clamps for use on mezzanines, partitions, railings and windbreaks.

Designed to hold the glass panels firmly in position, CRL glass clamps are available in 316 grade stainless steel.

CRL Glass Clamps





CRL Large D Shape Flat Back Clamp

- For use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- For 6 to 12.76 mm toughened or laminated glass
- Sold individually
- Rubber gasket not included
- Please order the following rubber gaskets to suit:

CAT. NO. EUZ6G for 6 mm glass
CAT.NO. EUZ8G for 8 mm glass
CAT.NO. EUZ876G for 8.76 mm glass
CAT.NO. EUZ10G for 10 mm glass
CAT.NO. EUZ1076G for 10.76 mm glass
CAT.NO. EUZ12G for 12 mm glass
CAT.NO. EUZ1276G for 12.76 mm glass

INTERNAL USE:

Cat. No. EUZFBZ
Raw Zinc

Cat. No. EUZFBCH
Chrome

Cat. No. EUZFBBN
Brushed Nickel

Cat. No. EUZFBMBL
Matte Black

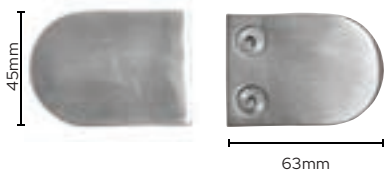
Cat. No. EUZFBBS304
304 Grade Brushed Stainless

EXTERNAL USE:

Cat. No. EUZFBPS
316 Grade Polished Stainless

Cat. No. EUZFBBS
316 Grade Brushed Stainless

Glass Thickness
6 - 12.76 mm



CRL Large D Shape Radius Back Clamp

- For use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- For 6 to 12.76 mm toughened or laminated glass
- Sold individually
- Rubber Gasket not included
- Please order the following rubber gaskets to suit:

CAT. NO. EUZ6G for 6 mm glass
CAT.NO. EUZ8G for 8 mm glass
CAT.NO. EUZ876G for 8.76 mm glass
CAT.NO. EUZ10G for 10 mm glass
CAT.NO. EUZ1076G for 10.76 mm glass
CAT.NO. EUZ12G for 12 mm glass
CAT.NO. EUZ1276G for 12.76 mm glass

INTERNAL USE:

Cat. No. EUZ42RBN
Brushed Nickel Zinc Body

EXTERNAL USE:

Cat. No. EUZ42RPS
316 Grade Polished Stainless

Cat. No. EUZ42RBS
316 Grade Brushed Stainless

For 48.3 mm posts

INTERNAL USE:

Cat. No. EUZ48RCH
Chrome

Cat. No. EUZ48RBN
Brushed Nickel Zinc Body

Cat. No. EUZ48RBS304
304 Grade Brushed Stainless

EXTERNAL USE:

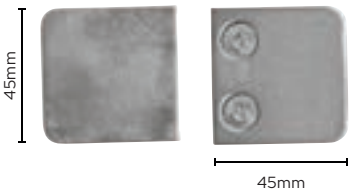
Cat. No. EUZ48RPS
316 Grade Polished Stainless

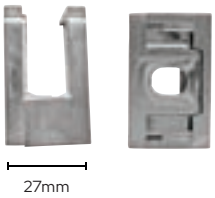
Cat. No. EUZ48RBS
316 Grade Brushed Stainless

Glass Thickness
6 - 12.76 mm

316 Grade Stainless Steel

CRL Glass Clamps





CRL Square Type Back Clamp

- For use on mezzanines, partitions, railings and windbreaks
- For 6 to 10.76 mm toughened or laminated glass
- Sold individually
- Rubber gasket not included
- Please order the following rubber gaskets to suit:
  - CAT.NO. EUZS6G for 6 mm glass
  - CAT.NO. EUZS8G for 8 mm glass
  - CAT.NO. EUZS876G for 8.76 mm glass
  - CAT.NO. EUZS10G for 10 mm glass
  - CAT.NO. EUZS1076G for 10.76 mm glass
- Pin not included

INTERNAL USE:

EUZSFBZ
Raw Zinc

EUZSFBCH
Chrome

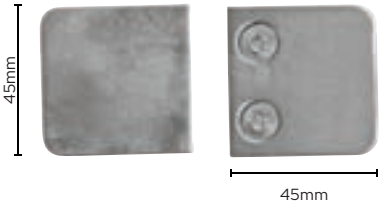
EUZSFBBN
Brushed Nickel

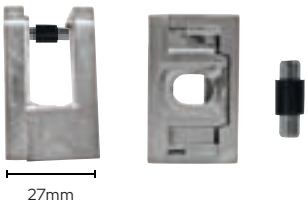
EXTERNAL USE:

EUZSFBPS
316 Grade Polished Stainless

EUZSFBBS
316 Grade Brushed Stainless

Glass Thickness
6 - 10.76 mm





CRL Square Type Back Clamp

- For use on mezzanines, partitions, railings and windbreaks
- For 6 to 12.76 mm toughened or laminated glass
- Sold individually
- Steel pin included for additional glass support
- Rubber gasket not included
- Please order the following rubber gaskets to suit:
  - CAT.NO. EUZS6GL for 6 mm glass
  - CAT.NO. EUZS676GL for 6.76 mm glass
  - CAT.NO. EUZS8GL for 8 mm glass
  - CAT.NO. EUZS876GL for 8.76 mm glass
  - CAT.NO. EUZS10GL for 10 mm glass
  - CAT.NO. EUZS1076GL for 10.76 mm glass
  - CAT.NO. EUZS12GL for 12 mm glass
  - CAT.NO. EUZS1276GL for 12.76 mm glass

INTERNAL USE:

EUZSFBZL
Raw Zinc

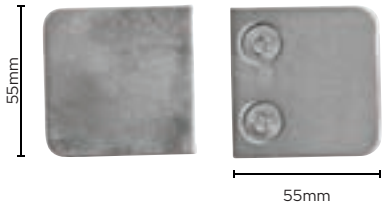
EXTERNAL USE:

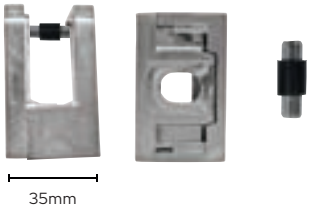
EUZSFBBSL
316 Grade Brushed Stainless

Glass Thickness
6 - 12.76 mm

316 Grade Stainless Steel

CRL Glass Clamps





CRL Square Type Flat Back Clamp

- For use on mezzanines, partitions, railings and windbreaks
- Supplied with side plates for use with laminated glass
- 316 grade stainless steel
- For 6 to 12.76 mm toughened or laminated glass
- Steel pin included for additional glass support
- Sold individually
- Rubber gasket not included
- Please order the following rubber gaskets to suit:
  - CAT.NO. EUZLS6GL for 6 mm glass
  - CAT.NO. EUZLS676GL for 6.76 mm glass
  - CAT.NO. EUZLS8GL for 8 mm glass
  - CAT.NO. EUZLS876GL for 8.76 mm glass
  - CAT.NO. EUZLS10GL for 10 mm glass
  - CAT.NO. EUZLS1076GL for 10.76 mm glass
  - CAT.NO. EUZLS12GL for 12 mm glass
  - CAT.NO. EUZLS1276GL for 12.76 mm glass

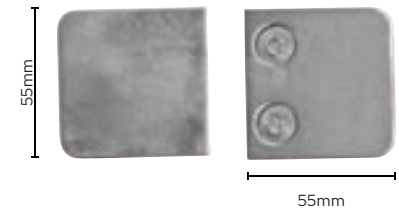
INTERNAL USE:

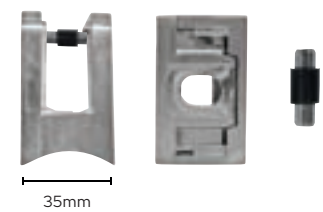
EUZLSFBZL
Raw Zinc

EXTERNAL USE:

EUZLSFBBSL
Brushed Stainless

Glass Thickness
6 - 12.76 mm





CRL Square Type Radius Back Clamp

- For use on mezzanines, partitions, railings and windbreaks
- Side plates for use with laminated glass included
- For 6 to 12.76 mm toughened or laminated glass
- Steel pin included for additional glass support
- Sold individually
- Rubber gasket not included
- Please order the following rubber gaskets to suit:
  - CAT.NO. EUZLS6GL for 6 mm glass
  - CAT.NO. EUZLS676GL for 6.76 mm glass
  - CAT.NO. EUZLS8GL for 8 mm glass
  - CAT.NO. EUZLS876GL for 8.76 mm glass
  - CAT.NO. EUZLS10GL for 10 mm glass
  - CAT.NO. EUZLS1076GL for 10.76 mm glass
  - CAT.NO. EUZLS12GL for 12 mm glass
  - CAT.NO. EUZLS1276GL for 12.76 mm glass

For 42.4 mm posts

INTERNAL USE:

Cat. No. EUZLS42RZL
Raw Zinc

EXTERNAL USE:

Cat. No. EUZLS42RBSL
316 Grade Brushed Stainless

For 48.3 mm posts

INTERNAL USE:

Cat. No. EUZLS48RZL
Raw Zinc

EXTERNAL USE:

Cat. No. EUZLS48RBSL
316 Grade Brushed Stainless

Glass Thickness
6 - 12.76 mm

316 Grade Stainless Steel

Freephone: 00 800 0421 6144 **t:** +44 (0) 1706 863 600 **e:** crl@crlaurence.co.uk **w:** crlaurence.co.uk

CRL Glass Clamps

CRL Rubber gasket for EUZFB/EUZ42/EUZ48 Series Clamps

- 63 mm x 45 mm
- For use with toughened or laminated glass
- Black colour
- Sold by the pair

EUZ6G
For 6 mm Glass

EUZ8G
For 8 mm Glass

EUZ876G
For 8.76 mm Glass

EUZ10G
For 10 mm Glass

EUZ1076G
For 10.76 mm Glass

EUZ12G
For 12 mm Glass

EUZ1276G
For 12.76 mm Glass

CRL Rubber gasket for EUZSF Series Clamps

- 45 mm x 45 mm
- For use with toughened or laminated glass
- Black colour
- Sold by the pair

EUZS6G
For 6 mm Glass

EUZS8G
For 8 mm Glass

EUZS876G
For 8.76 mm Glass

EUZS10G
For 10 mm Glass

EUZS1076G
For 10.76 mm Glass

CRL Rubber gasket for EUZLSF/EUZLS42/EUZLS48 Series Clamps

CRL Rubber gasket for
EUZLSF/EUZLS42/EUZLS48 Series Clamps

EUZLS6GL
For 6 mm Glass

EUZLS676GL
For 6.76 mm Glass

EUZLS8GL
For 8 mm Glass

EUZLS876GL
For 8.76 mm Glass

EUZLS10GL
For 10 mm Glass

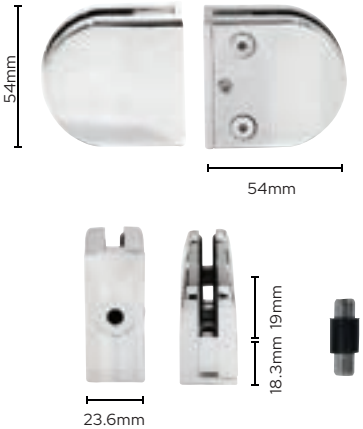
EUZLS1076GL
For 10.76 mm Glass

EUZLS12GL
For 12 mm Glass

EUZLS1276GL
For 12.76 mm Glass

CRL Glass Clamps - Round

Round



Glass Thickness
6 - 8 mm

CRL Z-Series Round Type Flat Base Zinc Clamp

- 6 mm and 8 mm glass
- Replacement gaskets are available by ordering CRL Cat. No. Z14RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards

INTERNAL USE:
Base metal: zinc casting

Cat. No. Z406CH Chrome
Cat. No. Z406BN Brushed Nickel
Cat. No. Z406BR Brass
Cat. No. Z406GP Gold
Cat. No. Z406SC Satin Chrome
Cat. No. Z406W White

CRL Z-Series Round Type Flat Base Stainless Steel Clamp

- 6 mm and 8 mm glass
- Replacement gaskets are available by ordering CRL Cat. No. Z14RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards
- 316 grade stainless steel

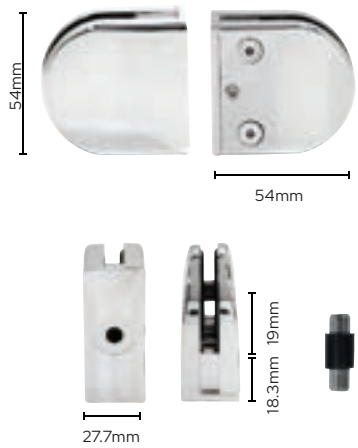
EXTERNAL USE:
Base metal: stainless steel

Cat. No. Z506PS Polished Stainless
Cat. No. Z506BS Brushed Stainless

316 Grade Stainless Steel

Freephone: 00 800 0421 6144 **t:** +44 (0) 1706 863 600 **e:** crl@crlaurence.co.uk **w:** crlaurence.co.uk

CRL Glass Clamps - Round



Glass Thickness
10 mm

CRL Z-Series Round Type Flat Base Zinc Clamp

- 10 mm glass
- Replacement gaskets are available by ordering CRL Cat. No. Z38RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards

INTERNAL USE:
Base metal: zinc casting

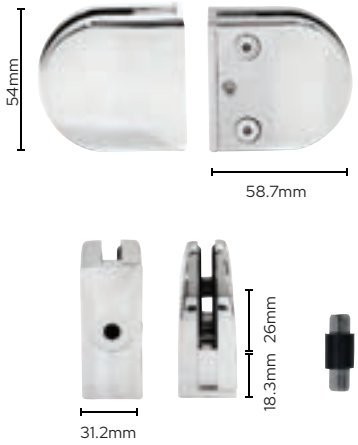
Cat. No. Z410CH Chrome
Cat. No. Z410BN Brushed Nickel
Cat. No. Z410BR Brass
Cat. No. Z410GP Gold
Cat. No. Z410SC Satin Chrome
Cat. No. Z410W White

CRL Z-Series Round Type Flat Base Stainless Steel Clamp

- 10 mm glass
- Replacement gaskets are available by ordering CRL Cat. No. Z38RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards
- 316 grade stainless steel

EXTERNAL USE:
Base metal: stainless steel

Cat. No. Z510PS Polished Stainless
Cat. No. Z510BS Brushed Stainless



Glass Thickness
12 - 13.52 mm

CRL Z-Series Round Type Flat Base Zinc Clamp

- For 12 mm and 13.52 mm glass
- Replacement gaskets are available by ordering Cat. No. Z12RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards

INTERNAL USE:
Base metal: zinc casting

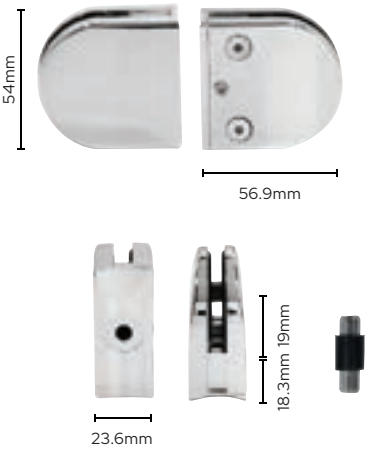
Cat. No. Z412CH Chrome
Cat. No. Z412BN Brushed Nickel
Cat. No. Z412BR Brass
Cat. No. Z412GP Gold
Cat. No. Z412SC Satin Chrome
Cat. No. Z412W White

CRL Z-Series Round Type Flat Base Stainless Steel Clamp

- For 12 mm and 13.52 mm glass
- Replacement gaskets are available by ordering Cat. No. Z12RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards
- 316 grade stainless steel

EXTERNAL USE:
Base metal: stainless steel

Cat. No. Z512PS Polished Stainless
Cat. No. Z512BS Brushed Stainless



Glass Thickness
6 - 8 mm

CRL Z-Series Round Type 50.8 mm Radius Base Zinc Clamp

- For 6 mm and 8 mm glass
- Replacement gaskets are available by ordering Cat. No. Z14RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards

INTERNAL USE:
Base metal: zinc casting

Cat. No. Z206CH Chrome
Cat. No. Z206BN Brushed Nickel
Cat. No. Z206BR Brass
Cat. No. Z206GP Gold
Cat. No. Z206SC Satin Chrome
Cat. No. Z610W White

CRL Z-Series Round Type 50.8 mm Radius Base Stainless Steel Clamp

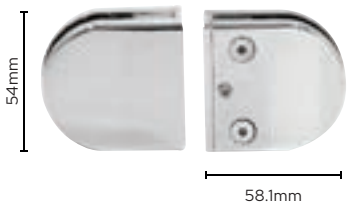
- For 6 mm and 8 mm glass
- Replacement gaskets are available by ordering Cat. No. Z14RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards
- 316 grade stainless steel

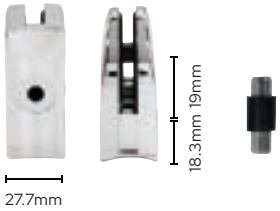
EXTERNAL USE:
Base metal: stainless steel

Cat. No. Z306PS Polished Stainless
Cat. No. Z306BS Brushed Stainless

316 Grade Stainless Steel

CRL Glass Clamps – Round





CRL Z-Series Round Type 50.8 mm Radius Base Zinc Clamp

- For 10 mm thick glass
- Replacement gaskets are available by ordering Cat. No. Z14RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards

INTERNAL USE:
Base metal: zinc casting

Cat. No. Z210CH Chrome

Cat. No. Z210BN Brushed Nickel

Cat. No. Z210BR Brass

Cat. No. Z210GP Gold

Cat. No. Z210SC Satin Chrome

Cat. No. Z210W White

CRL Z-Series Round Type 50.8 mm Radius Base Stainless Steel Clamp

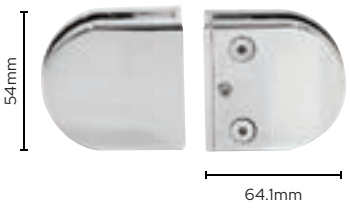
- For 10 mm thick glass
- Replacement gaskets are available by ordering Cat. No. Z14RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards
- 316 grade stainless steel

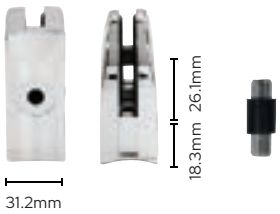
EXTERNAL USE:
Base metal: stainless steel

Cat. No. Z310PS Polished Stainless

Cat. No. Z310BS Brushed Stainless

Glass Thickness
10 mm





CRL Z-Series Round Type 50.8 mm Radius Base Zinc Clamp

- For 12 mm and 13.52 mm glass
- Replacement gaskets are available by ordering Cat. No. Z14RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards

INTERNAL USE:
Base metal: zinc casting

Cat. No. Z212CH Chrome

Cat. No. Z212BN Brushed Nickel

Cat. No. Z212BR Brass

Cat. No. Z212GP Gold

Cat. No. Z212SC Satin Chrome

Cat. No. Z212W White

CRL Z-Series Round Type 50.8 mm Radius Base Stainless Steel Clamp

- For 12 mm and 13.52 mm glass
- Replacement gaskets are available by ordering Cat. No. Z14RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards
- 316 grade stainless steel

EXTERNAL USE:
Base metal: stainless steel

Cat. No. Z312PS Polished Stainless

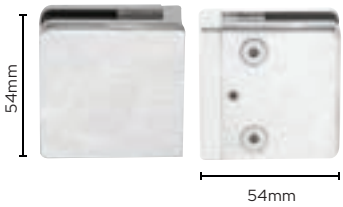
Cat. No. Z312BS Brushed Stainless

Glass Thickness
12 - 13.52 mm

316 Grade Stainless Steel

Freephone: 00 800 0421 6144 **t:** +44 (0) 1706 863 600 **e:** crl@crlaurence.co.uk **w:** crlaurence.co.uk

CRL Glass Clamps - Square

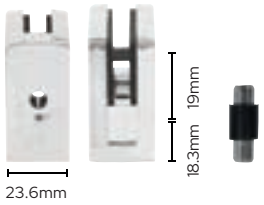


CRL Z-Series Square Type Flat Base Zinc Clamp

- For 6 mm and 8 mm glass
- Replacement gaskets are available by ordering Cat. No. Z14SG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards

INTERNAL USE:
Base metal: zinc casting

Cat. No. Z806CH Chrome
Cat. No. Z806BN Brushed Nickel
Cat. No. Z806BR Brass
Cat. No. Z806GP Gold
Cat. No. Z806W White



CRL Z-Series Square Type Flat Base Stainless Steel Clamp

- For 6 mm and 8 mm glass
- Replacement gaskets are available by ordering Cat. No. Z14SG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards
- 316 grade stainless steel

EXTERNAL USE:
Base metal: stainless steel

Cat. No. Z906PS Polished Stainless
Cat. No. Z906BS Brushed Stainless

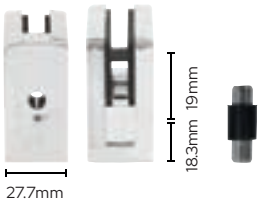
Glass Thickness
6 - 8 mm

CRL Z-Series Square Type Flat Base Zinc Clamp

- For 10 mm glass
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards

INTERNAL USE:
Base metal: zinc casting

Cat. No. Z810CH Chrome
Cat. No. Z810BN Brushed Nickel
Cat. No. Z810BR Brass
Cat. No. Z810GP Gold
Cat. No. Z810SC Satin Chrome
Cat. No. Z810W White



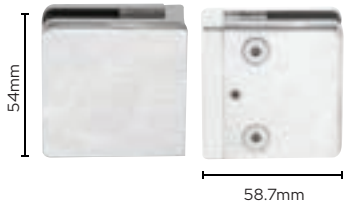
CRL Z-Series Square Type Flat Base Stainless Steel Clamp

- For 10 mm glass
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards
- 316 grade stainless steel

EXTERNAL USE:
Base metal: stainless steel

Cat. No. Z910PS Polished Stainless
Cat. No. Z910BS Brushed Stainless
Cat. No. Z910MBL Matte Black
Cat. No. Z910PT Painted

Glass Thickness
10 mm

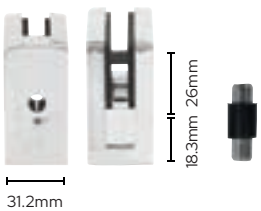


CRL Z-Series Square Type Flat Base Zinc Clamp

- For 12 mm and 13.52 mm glass
- Replacement gaskets are available by ordering Cat. No. Z12SG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards

INTERNAL USE:
Base metal: zinc casting

Cat. No. Z812CH Chrome
Cat. No. Z812BN Brushed Nickel
Cat. No. Z812BR Brass
Cat. No. Z812GP Gold
Cat. No. Z812SC Satin Chrome
Cat. No. Z812W White



CRL Z-Series Square Type Flat Base Stainless Steel Clamp

- For 12 mm and 13.52 mm glass
- Replacement gaskets are available by ordering Cat. No. Z12SG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards
- 316 grade stainless steel

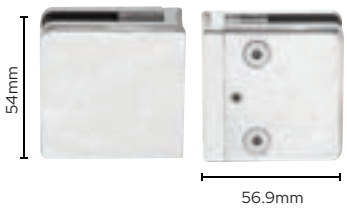
EXTERNAL USE:
Base metal: stainless steel

Cat. No. Z912PS Polished Stainless
Cat. No. Z912BS Brushed Stainless

Glass Thickness
12 - 13.52 mm

316 Grade Stainless Steel

CRL Glass Clamps - Square



CRL Z-Series Square Type Radius Base Zinc Clamp

- For 6 mm and 8 mm glass
- Replacement gaskets are available by ordering Cat. No. Z14RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards

INTERNAL USE:
Base metal: zinc casting

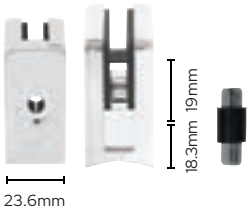
Cat. No. Z606CH Chrome

Cat. No. Z606BN Brushed Nickel

Cat. No. Z606BR Brass

Cat. No. Z606GP Gold

Cat. No. Z606W White



CRL Z-Series Square Type Radius Base Stainless Steel Clamp

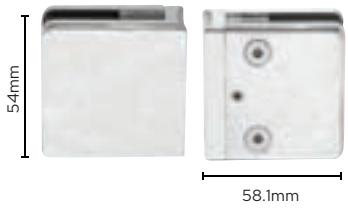
- For 6 mm and 8 mm glass
- Replacement gaskets are available by ordering Cat. No. Z14RG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards
- 316 grade stainless steel

EXTERNAL USE:
Base metal:
stainless steel

Cat. No. Z706PS
Polished Stainless

Cat. No. Z706BS
Brushed Stainless

Glass Thickness
6 - 8 mm



CRL Z-Series Square Type Radius Base Zinc Clamp

- For 10 mm glass
- Replacement gaskets are available by ordering Cat. No. Z38SG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards

INTERNAL USE:
Base metal: zinc casting

Cat. No. Z610CH Chrome

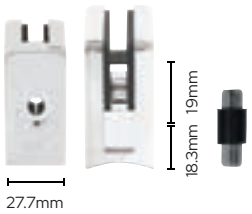
Cat. No. Z610BN Brushed Nickel

Cat. No. Z610BR Brass

Cat. No. Z610GP Gold

Cat. No. Z610SC Satin Chrome

Cat. No. Z610W White



CRL Z-Series Square Type Radius Base Stainless Steel Clamp

- For 10 mm glass
- Replacement gaskets are available by ordering Cat. No. Z38SG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards
- 316 grade stainless steel

EXTERNAL USE:
Base metal:
stainless steel

Cat. No. Z710PS
Polished Stainless

Cat. No. Z710BS
Brushed Stainless

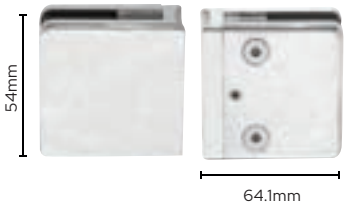
Cat. No. Z710MBL
Matte Black

Cat. No. Z710PT
Painted

Glass Thickness
10 mm

316 Grade Stainless Steel

CRL Glass Clamps - Square



CRL Z-Series Square Type Radius Base Zinc Clamp

- For 12 mm & 13.52 mm glass
- Replacement gaskets are available by ordering Cat. No. Z12SG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards

INTERNAL USE:
Base metal: zinc casting

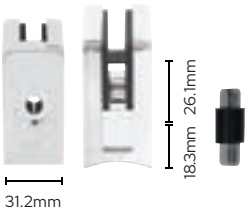
Cat. No. Z612CH Chrome

Cat. No. Z612BN Brushed Nickel

Cat. No. Z612BR Brass

Cat. No. Z612GP Gold

Cat. No. Z612W White



CRL Z-Series Square Type Radius Base Stainless Steel Clamp

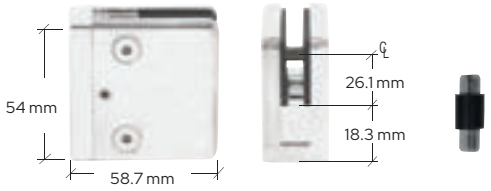
- For 12 mm & 13.52 mm glass
- Replacement gaskets are available by ordering Cat. No. Z12SG
- The ideal clamp for use on mezzanines, partitions, railings and windbreaks
- Steel pin included for additional glass support
- Tested and engineered to meet and exceed code standards
- 316 grade stainless steel

EXTERNAL USE:
Base metal:
stainless steel

Cat. No. Z712PS
Polished Stainless

Cat. No. Z712BS
Brushed Stainless

Glass Thickness
12 - 13.52 mm



CRL Brushed Stainless Z-Series Flat Surface Mount Square Type Glass Clamps

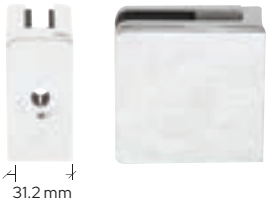
- For 15 mm & 19 mm, 17.52 mm & 21.52 mm glass (flat surface mounting)
- For use with square tubing or other flat surfaces
- 316 Alloy stainless steel
- Use monolithic tempered glass
- Replacement gaskets are available by ordering Cat. No. Z34SG or Z58SG

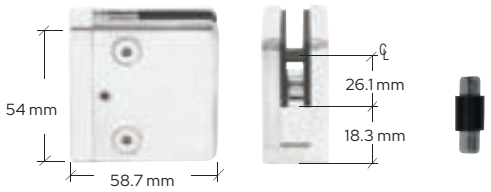
Cat. No. Z934BS
Brushed Stainless

Cat. No. Z934PS
Polished Stainless

Cat. No. Z934MBL
Matte Black

Glass Thickness
15 - 21.52 mm





CRL Brushed Stainless Z-Series Radius Surface Mount Square Type Glass Clamps

- For 15 mm & 19 mm, 17.52 mm & 21.52 mm glass (radius surface mounting)
- For use with 50.8 mm diameter round tubing
- 316 Alloy stainless steel
- Use monolithic tempered glass
- Replacement gaskets are available by ordering Cat. no. Z34SG or Z58SG

Cat. No. Z734BS
Brushed Stainless

Cat. No. Z734PS
Polished Stainless

Glass Thickness
15 - 21.52 mm

316 Grade Stainless Steel

CRL Al-Wall® System

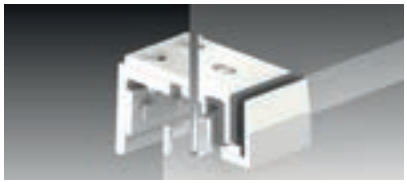
Al-Wall® Systems

Rainscreen systems for high quality facade design

- Creates a protective, modern envelope around new and old buildings
- Plane and imbricated glass facade options
- Quick and easy to install
- No glass cut outs necessary

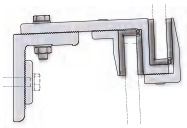
Freephone: 00 800 0421 6144 **t:** +44 (0) 1706 863 600 **e:** crl@crlaurence.co.uk **w:** crlaurence.co.uk

CRL Al-Wall® System



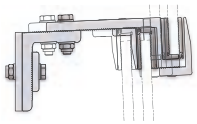
CRL Al-Wall®

- Horizontally imbricated
- No cutouts necessary
- Driving rain proof
- For use with 6 mm to 19 mm monolithic or laminated toughened glass



CRL Al-Wall® DS

- Horizontally and vertically imbricated
- Driving rain proof
- Parallel or laterally sloped imbrication
- For use with 6 mm to 19 mm monolithic or laminated toughened glass

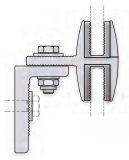


CRL Al-Wall® Light

- Horizontally imbricated
- Effortless and quick installation
- Simple substructure
- For use with 6 mm and 8 mm monolithic or laminated toughened glass

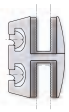
CRL Al-Wall® Flat

- For plane facades
- Safe glass installation without tools
- Minimum clearance from 8 mm
- For use with 8 mm, 10 mm, 12 mm and 16 mm monolithic or laminated toughened glass



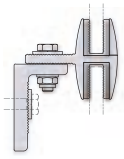
CRL Al-Wall® Flat Lors

- For plane facades
- Low structural depth
- Safe glass installation without tools
- For use with 8 mm, 10 mm, 12 mm and 16 mm monolithic or laminated toughened glass

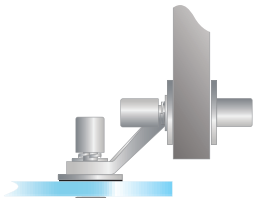


CRL Al-Wall® Flat Verso

- For plane facades
- Easy and safe glass installation without tools from the inside
- For use with 12 mm and 16 mm monolithic and laminated toughened glass



Spider Fixings - Regular Fittings - up to 12 mm Glass



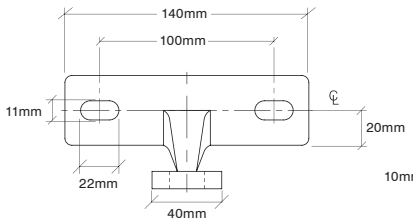
CRL Single Arm Regular Duty Wall/Fin Mount Fitting

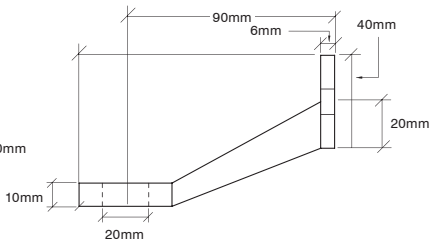
- For use with glass up to 12 mm
- Complete with hardware to mount to wall or structural fin
- 316 stainless steel

Cat. No. FMR1BS
Brushed Stainless

Cat. No. FMR1PS
Polished Stainless

REGULAR FIN MOUNT



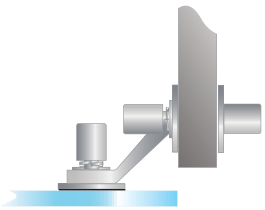


CRL RECOMMENDS TOUGHENED GLASS

Glass attachments must be ordered separately

Freephone: 00 800 0421 6144 **t:** +44 (0) 1706 863 600 **e:** crl@crlaurence.co.uk **w:** crlaurence.co.uk

CRL Glass Clamps - Square



CRL RECOMMENDS TOUGHENED GLASS

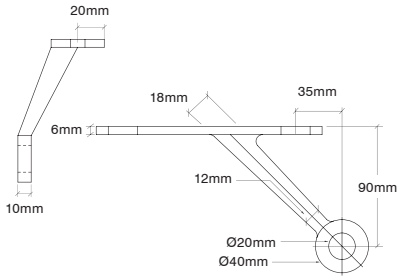
CRL Left Hand Single Arm Regular Duty Wall/Fin Mount Fitting

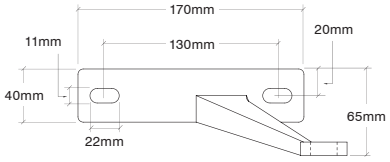
- For use with glass up to 12 mm
- Complete with hardware to mount to wall or structural fin
- 316 stainless steel

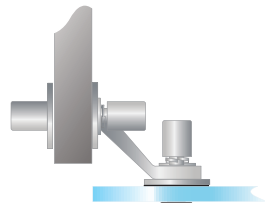
Cat. No. FMR1LHBS
Brushed Stainless

Cat. No. FMR1LHPS
Polished Stainless

REGULAR FIN MOUNT







CRL RECOMMENDS TOUGHENED GLASS

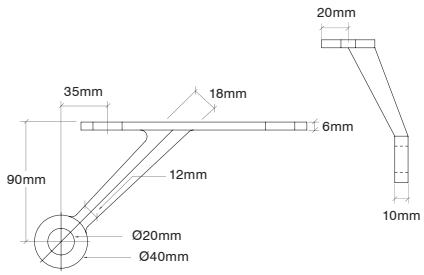
CRL Right Hand Single Arm Regular Duty Wall/Fin Mount Fitting

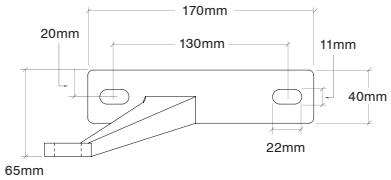
- For use with glass up to 12 mm
- Complete with hardware to mount to wall or structural fin
- 316 stainless steel

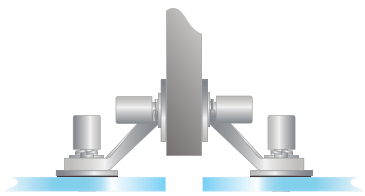
Cat. No. FMR1RHBS
Brushed Stainless

Cat. No. FMR1RHPS
Polished Stainless

REGULAR FIN MOUNT







CRL RECOMMENDS TOUGHENED GLASS

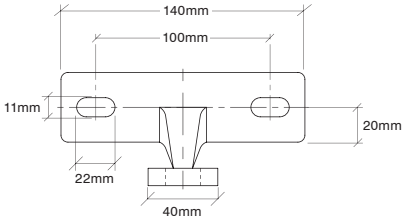
CRL Double Arm Regular Duty Wall/Fin Mount Fitting

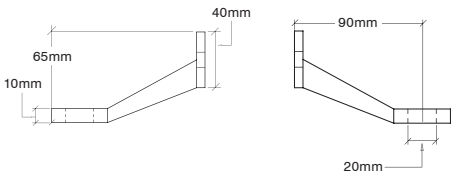
- For use with glass up to 12 mm
- Complete with hardware to mount to wall or structural fin
- 316 stainless steel

Cat. No. FMR2BS
Brushed Stainless

Cat. No. FMR2PS
Polished Stainless

REGULAR FIN MOUNT





316 Grade Stainless Steel

Spider Fixings - Regular Fittings - up to 12 mm Glass

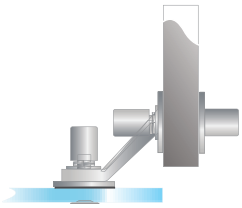
CRL Double Arm "V" Regular Duty Wall/Fin Mount Fitting

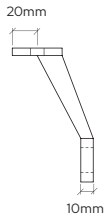
- For use with glass up to 12 mm
- Complete with hardware to mount to wall or structural fin
- 316 stainless steel

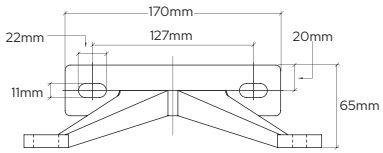
Cat. No. FMR2VBS
Brushed Stainless

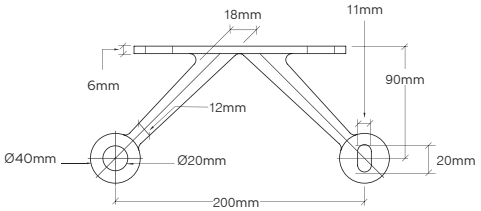
Cat. No. FMR2VPS
Polished Stainless

REGULAR FIN MOUNT









CRL RECOMMENDS TOUGHENED GLASS

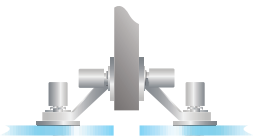
CRL Four Arm "V" Regular Duty Wall/Fin Mount Fitting

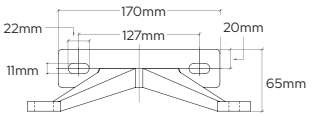
- For use with glass up to 12 mm
- Complete with hardware to mount to wall or structural fin
- 316 stainless steel

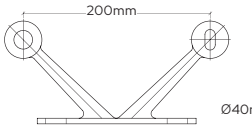
Cat. No. FMR4BS
Brushed Stainless

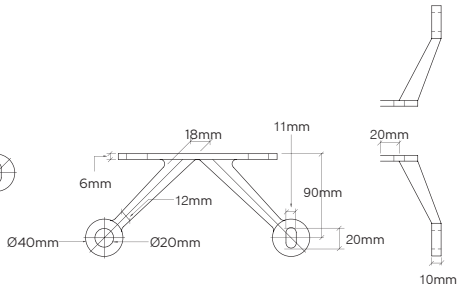
Cat. No. FMR4PS
Polished Stainless

REGULAR FIN MOUNT









CRL RECOMMENDS TOUGHENED GLASS

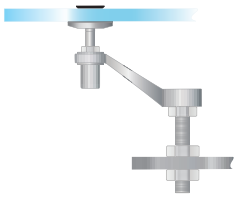
CRL Single Arm Regular Duty Post Mount Fitting

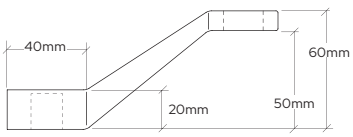
- For use with glass up to 12 mm
- Complete with hardware to mount to post or column
- 316 stainless steel

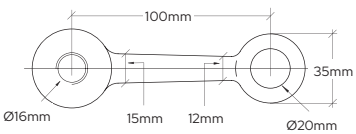
Cat. No. PMR1BS
Brushed Stainless

Cat. No. PMR1PS
Polished Stainless

REGULAR POST MOUNT







CRL RECOMMENDS TOUGHENED GLASS

316 Grade Stainless Steel

Glass attachments must be ordered separately

Spider Fixings - Regular Fittings - up to 12 mm Glass

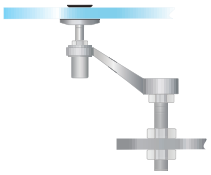
CRL Single Long Arm Regular Duty Post Mount Fitting

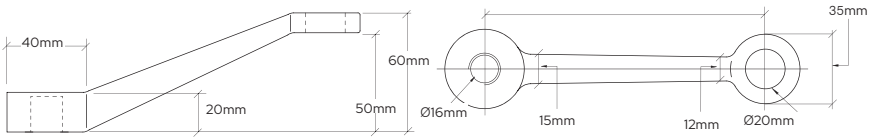
- For use with glass up to 12 mm
- Complete with hardware to mount to post or column
- 316 stainless steel

Cat. No. PMR1LBS
Brushed Stainless

Cat. No. PMR1LPS
Polished Stainless

REGULAR POST MOUNT





CRL RECOMMENDS TOUGHENED GLASS

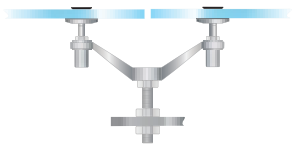
CRL Double Arm Regular Duty Post Mount Fitting

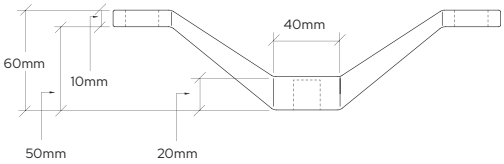
- For use with glass up to 12 mm
- Complete with hardware to mount to post or column
- 316 stainless steel

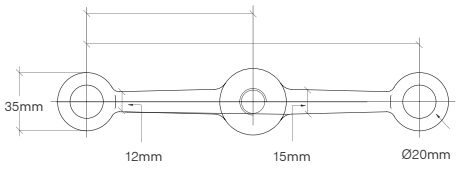
Cat. No. PMR2BS
Brushed Stainless

Cat. No. PMR2PS
Polished Stainless

REGULAR POST MOUNT







CRL RECOMMENDS TOUGHENED GLASS

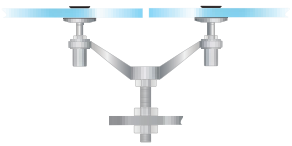
CRL Double Arm "V" Regular Duty Post Mount Fitting

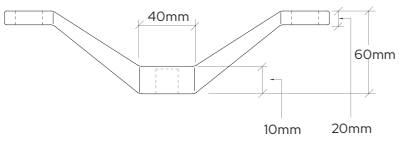
- For use with glass up to 12 mm
- Complete with hardware to mount to post or column
- 316 stainless steel

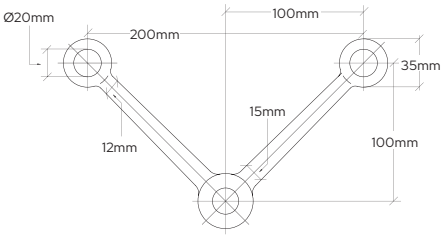
Cat. No. PMR2VBS
Brushed Stainless

Cat. No. PMR2VPS
Polished Stainless

REGULAR POST MOUNT







CRL RECOMMENDS TOUGHENED GLASS

316 Grade Stainless Steel

Spider Fixings - Regular Fittings - up to 12 mm Glass

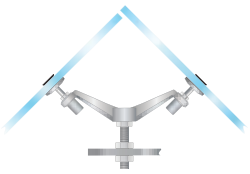
CRL Double Arm "V" 90 Degree Regular Duty Post Mount Fitting

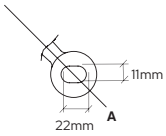
- For use with glass up to 12 mm
- Complete with hardware to mount to post or column
- 316 stainless steel

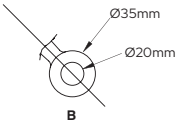
Cat. No. PMR2V90BS
Brushed Stainless

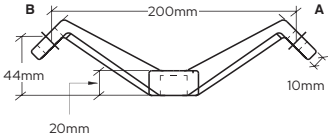
Cat. No. PMR2V90PS
Polished Stainless

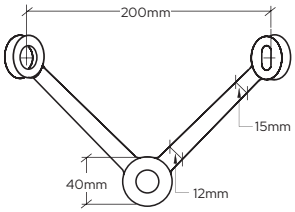
REGULAR POST MOUNT











CRL RECOMMENDS TOUGHENED GLASS

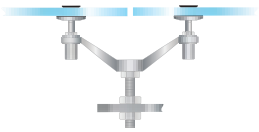
CRL Three Arm Regular Duty Post Mount Fitting

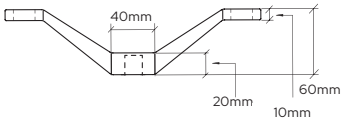
- For use with glass up to 12 mm
- Complete with hardware to mount to post or column
- 316 stainless steel

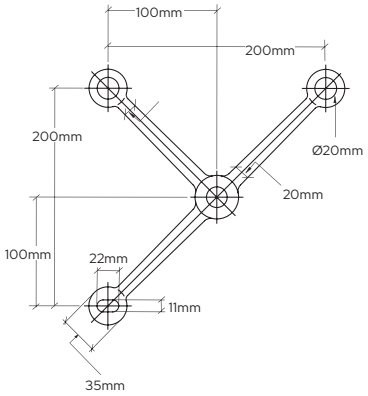
Cat. No. PMR3BS
Brushed Stainless

Cat. No. PMR3PS
Polished Stainless

REGULAR POST MOUNT







CRL RECOMMENDS TOUGHENED GLASS

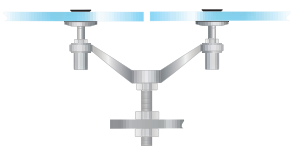
CRL Four Arm Regular Duty Post Mount Fitting

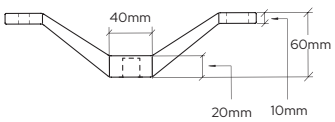
- For use with glass up to 12 mm
- Complete with hardware to mount to post or column
- 316 stainless steel

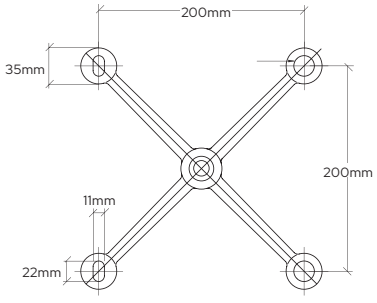
Cat. No. PMR4BS
Brushed Stainless

Cat. No. PMR4PS
Polished Stainless

REGULAR POST MOUNT







CRL RECOMMENDS TOUGHENED GLASS

316 Grade Stainless Steel

Glass attachments must be ordered separately

Spider Fixings - Regular Fittings - up to 12 mm Glass

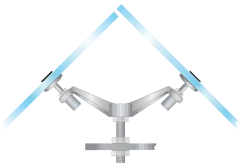
CRL Four Arm 90 Degree Regular Duty Post Mount Fitting

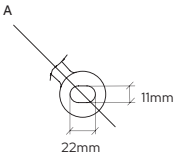
- For use with glass up to 12 mm
- Complete with hardware to mount to post or column
- 316 stainless steel

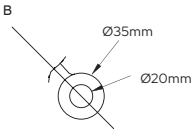
Cat. No. PMR490BS
Brushed Stainless

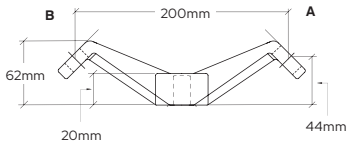
Cat. No. PMR490PS
Polished Stainless

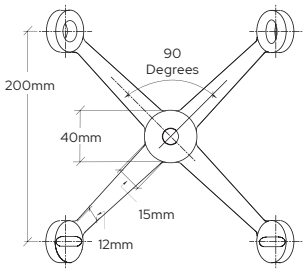
REGULAR POST MOUNT











CRL RECOMMENDS TOUGHENED GLASS

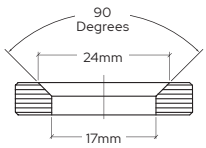
CRL Rigid Head Combination Glass Attachment

- For use with 10 mm to 12 mm tempered glass
- 316 stainless steel

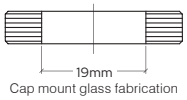
Cat. No. RRF10BS
Brushed Stainless

Cat. No. RRF10PS
Polished Stainless

REGULAR



Flush mount glass fabrication *



Cap mount glass fabrication

CRL RECOMMENDS TOUGHENED GLASS

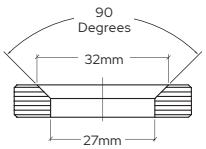
CRL Swivel Head Combination Glass Attachment

- For use with 10 mm to 12 mm tempered glass
- 316 stainless steel

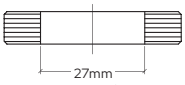
Cat. No. RSF10BS
Brushed Stainless

Cat. No. RSF10PS
Polished Stainless

REGULAR



Flush mount glass fabrication *



Cap mount glass fabrication

CRL RECOMMENDS TOUGHENED GLASS

316 Grade Stainless Steel

Spider Fixings - Heavy Duty Fittings - up to 27 mm Glass

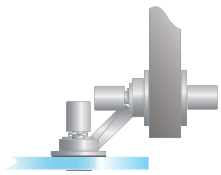
CRL Left Hand Single Arm Heavy-Duty Wall/Fin Mount Fitting

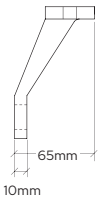
- For use with glass up to 27 mm
- Complete with hardware to mount to wall or structural fin
- 316 stainless steel

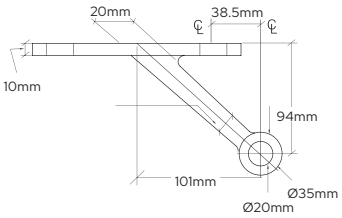
Cat. No. FMH1LHBS
Brushed Stainless

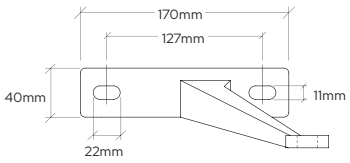
Cat. No. FMH1LHPS
Polished Stainless

HEAVY DUTY FIN MOUNT









CRL RECOMMENDS LAMINATED TOUGHENED GLASS

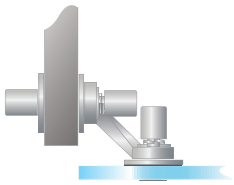
CRL Right Hand Single Arm Heavy-Duty Wall/Fin Mount Fitting

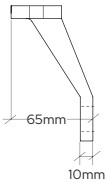
- For use with glass up to 27 mm
- Complete with hardware to mount to wall or structural fin
- 316 stainless steel

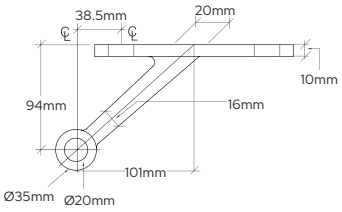
Cat. No. FMH1RHBS
Brushed Stainless

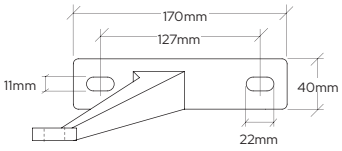
Cat. No. FMH1RHPS
Polished Stainless

HEAVY DUTY FIN MOUNT









CRL RECOMMENDS LAMINATED TOUGHENED GLASS

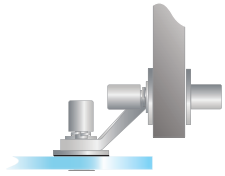
CRL Single Arm Heavy-Duty Wall/Fin Mount Fitting

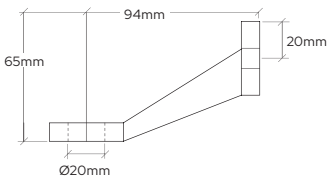
- For use with glass up to 27 mm thick to attach a single glass panel to a wall or structural fin
- Complete with two threaded studs and two matching cap nuts with washers
- Brushed or polished stainless steel finishes
- 316 stainless steel

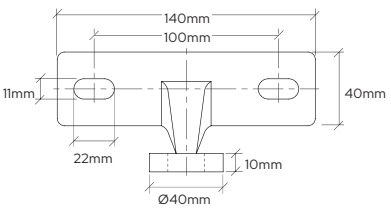
Cat. No. FMH1BS
Brushed Stainless

Cat. No. FMH1PS
Polished Stainless

HEAVY DUTY FIN MOUNT







CRL RECOMMENDS LAMINATED TOUGHENED GLASS

316 Grade Stainless Steel

Glass attachments must be ordered separately

Spider Fixings - Heavy Duty Fittings - up to 27 mm Glass

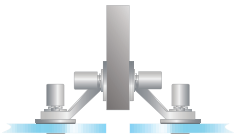
CRL Double Arm Heavy-Duty Wall/Fin Mount Fitting

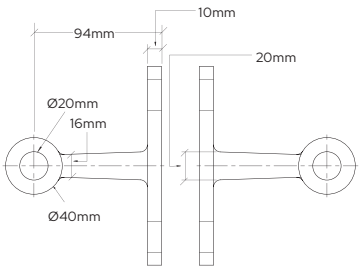
- For use with glass up to 27 mm thick to attach two inline glass panels to a structural fin
- Complete with two threaded studs and two matching cap nuts with washers
- Brushed or polished stainless steel finishes
- 316 stainless steel

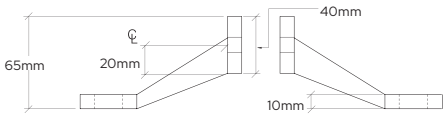
Cat. No. FMH2BS
Brushed Stainless

Cat. No. FMH2PS
Polished Stainless

HEAVY DUTY FIN MOUNT







CRL RECOMMENDS LAMINATED TOUGHENED GLASS

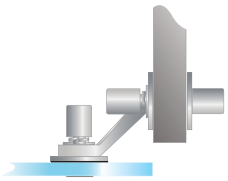
CRL Double Arm "V" Heavy-Duty Wall/Fin Mount Fitting

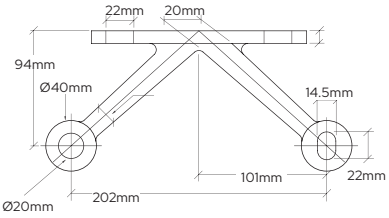
- For use with glass up to 27 mm
- Complete with hardware to mount to wall or structural fin
- 316 stainless steel

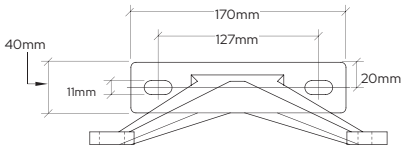
Cat. No. FMH2VBS
Brushed Stainless

Cat. No. FMH2VPS
Polished Stainless

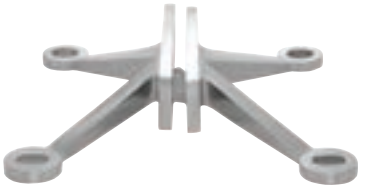
HEAVY DUTY FIN MOUNT







CRL RECOMMENDS LAMINATED TOUGHENED GLASS



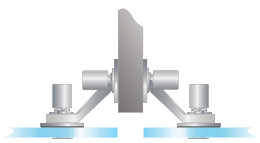
CRL Four Arm "V" Heavy-Duty Wall/Fin Mount Fitting

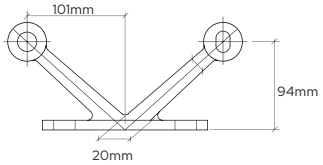
- For use with glass up to 27 mm thick to attach two inline glass panels to a structural center fin
- Complete with two threaded studs and four matching cap nuts with washers
- Brushed or polished stainless steel finishes
- 316 stainless steel

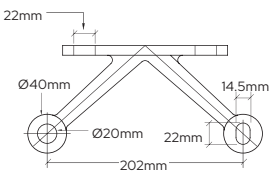
Cat. No. FMH4BS
Brushed Stainless

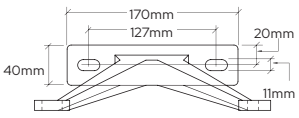
Cat. No. FMH4PS
Polished Stainless

HEAVY DUTY FIN MOUNT





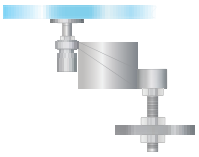




CRL RECOMMENDS LAMINATED TOUGHENED GLASS

316 Grade Stainless Steel

Spider Fixings - Heavy Duty Fittings - up to 27 mm Glass



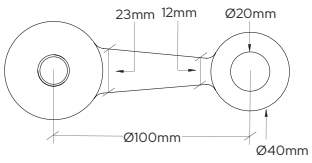
CRL Single Arm Heavy-Duty Post Mount Fitting

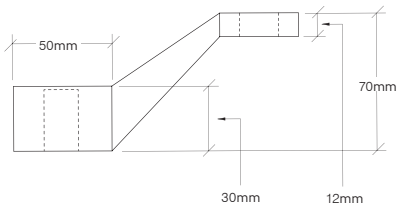
- For use with glass up to 27 mm thick to attach a single glass panel to a structural end post
- Complete with hardware to mount to post or column
- Brushed or polished stainless steel finishes
- 316 stainless steel

HEAVY DUTY POST MOUNT

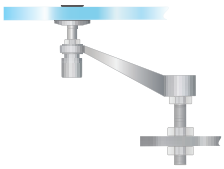
Cat. No. PMH1BS
Brushed Stainless

Cat. No. PMH1PS
Polished Stainless





CRL RECOMMENDS LAMINATED TOUGHENED GLASS



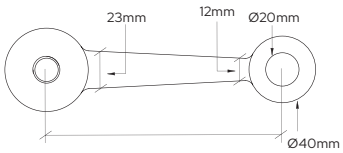
CRL Single Long Arm Heavy-Duty Post Mount Fitting

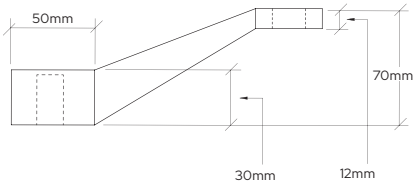
- For use with glass up to 27 mm
- Complete with hardware to mount to post or column
- 316 stainless steel

HEAVY DUTY POST MOUNT

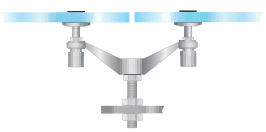
Cat. No. PMH1LBS
Brushed Stainless

Cat. No. PMH1LPS
Polished Stainless





CRL RECOMMENDS LAMINATED TOUGHENED GLASS



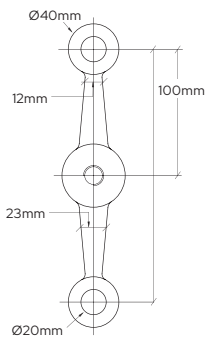
CRL Double Arm Heavy-Duty Post Mount Fitting

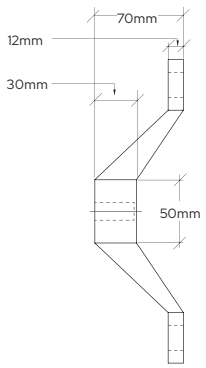
- For use with glass up to 27 mm thick to attach two inline glass panels to a structural center post
- Complete with hardware to mount to post or column
- Brushed or polished stainless steel finishes
- 316 stainless steel

HEAVY DUTY POST MOUNT

Cat. No. PMH2BS
Brushed Stainless

Cat. No. PMH2PS
Polished Stainless





CRL RECOMMENDS LAMINATED TOUGHENED GLASS

316 Grade Stainless Steel

Glass attachments must be ordered separately

Spider Fixings - Heavy Duty Fittings - up to 27 mm Glass

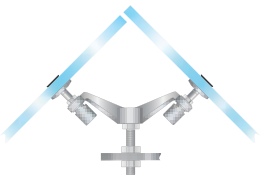
CRL Double Arm "V" 90 Degree Heavy-Duty Post Mount Fitting

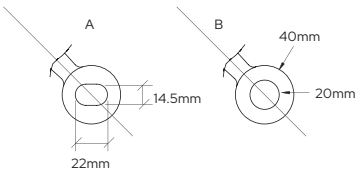
- For use with glass up to 27 mm
- Complete with hardware to mount to post or column
- 316 stainless steel

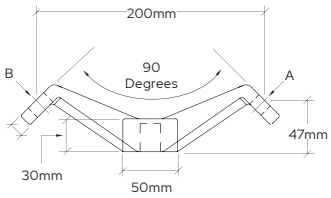
Cat. No. PMH2V90BS
Brushed Stainless

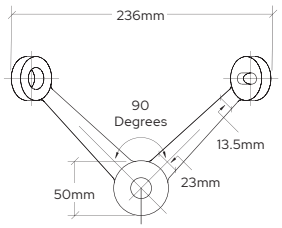
Cat. No. PMH2V90PS
Polished Stainless

HEAVY DUTY POST MOUNT









CRL RECOMMENDS LAMINATED TOUGHENED GLASS

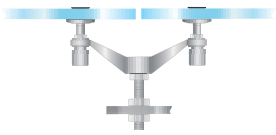
CRL Three Arm Heavy-Duty Post Mount Fitting

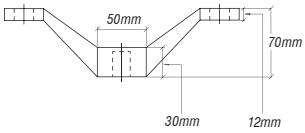
- For use with glass up to 27 mm
- Complete with hardware to mount to post or column
- 316 stainless steel

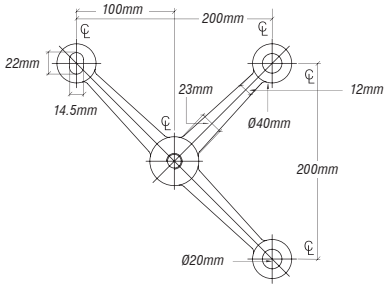
Cat. No. PMH3BS
Brushed Stainless

Cat. No. PMH3PS
Polished Stainless

HEAVY DUTY POST MOUNT







CRL RECOMMENDS LAMINATED TOUGHENED GLASS

316 Grade Stainless Steel

Spider Fixings - Heavy Duty Fittings - up to 27 mm Glass

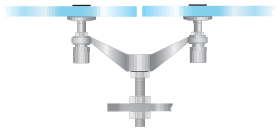
CRL Four Arm Heavy-Duty Post Mount Fitting

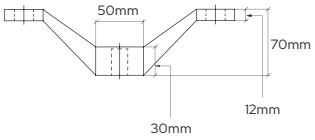
- For use with glass up to 27 mm thick to attach two inline glass panels to a structural center post
- Complete with hardware to mount to post or column
- Brushed or polished stainless steel finishes
- 316 stainless steel

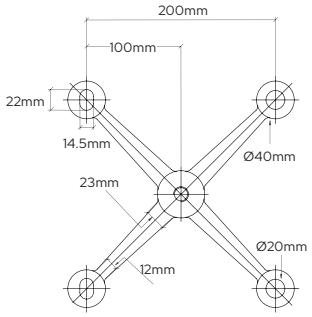
HEAVY DUTY POST MOUNT

Cat. No. PMH4BS
Brushed Stainless

Cat. No. PMH4PS
Polished Stainless







CRL RECOMMENDS LAMINATED TOUGHENED GLASS

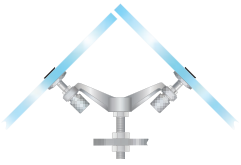
CRL 4-Way Arm 90 Degree Heavy-Duty Post Mount Fitting

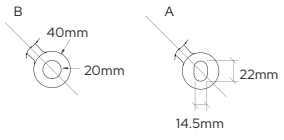
- For use with glass up to 27 mm
- Complete with hardware to mount to post or column
- 316 stainless steel

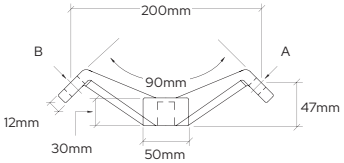
HEAVY DUTY POST MOUNT

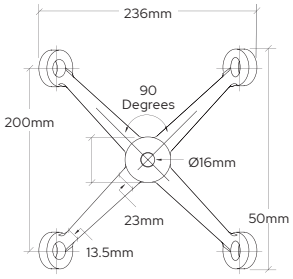
Cat. No. PMH490BS
Brushed Stainless

Cat. No. PMH490PS
Polished Stainless





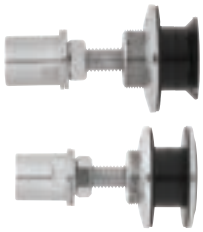




CRL RECOMMENDS LAMINATED TOUGHENED GLASS

316 Grade Stainless Steel

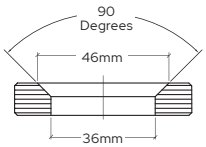
Spider Fixings



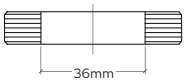
CRL Rigid Head Combination Glass Attachment

- One fitting for either flush or surface mount installations
- For use with 12 mm to 27 mm toughened or laminated glass
- Typically used only for interior applications
- Can be used with all Heavy-Duty Spider Fittings
- 316 stainless steel

HEAVY DUTY



Flush mount glass fabrication *

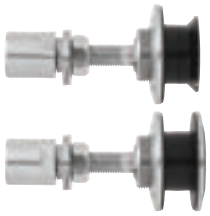


Cap mount glass fabrication

Cat. No. HRF14BS
Brushed Stainless

Cat. No. HRF14PS
Polished Stainless

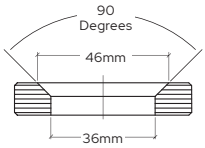
CRL RECOMMENDS LAMINATED TOUGHENED GLASS



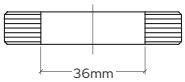
CRL Swivel Head Combination Glass Attachment

- One fitting for either flush or surface mount installations
- Head can swivel up to 6 degrees in any direction on its ball and socket joint
- For use with 12 mm to 27 mm toughened or laminated glass
- Can be used with all Heavy-Duty Spider Fittings
- 316 stainless steel

HEAVY DUTY



Flush mount glass fabrication *



Cap mount glass fabrication

Cat. No. HSF14BS
Brushed Stainless

Cat. No. HSF14PS
Polished Stainless

CRL RECOMMENDS LAMINATED TOUGHENED GLASS

CRL Brushed Stainless Swivel Heavy Duty Insulating Glass Fastener

- Designed for the "all glass" look
- For use with 32 mm insulated glass unit
- Tilts up to 6 degrees in any direction on its wall and socket joint. This allows for any stress applied to the glass to be more evenly distributed across the entire panel of glass rather than concentrating at the hole
- 316 stainless steel

HEAVY DUTY

Cat. No. HS1GF14BS
Brushed Stainless

Cat. No. HS1GF14PS
Polished Stainless

CRL RECOMMENDS LAMINATED TOUGHENED GLASS

CRL Brushed Stainless Heavy-Duty Exterior Swivel Fastener

- Designed for the "all glass" look
- For use with 12 mm to 22 mm tempered glass
- 316 stainless steel

HEAVY DUTY

Cat. No. HSFEX14BS
Brushed Stainless

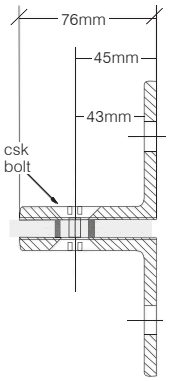
CRL RECOMMENDS LAMINATED TOUGHENED GLASS

316 Grade Stainless Steel

Spider Fixings

CRL Fin Top/Bottom Shoe Fittings for 19 mm Glass

- Fin Top/Bottom Shoe Fittings are used to connect the glass fins to the structure of the floor or ceiling
- 316 stainless steel



Cat. No. FTF12BS
For Fin Size 305 mm
Brushed Stainless

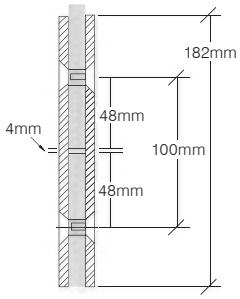
Cat. No. FTF12PS
For Fin Size 305 mm
Polished Stainless

Cat. No. FTF16BS
For Fin Size 406 mm
Brushed Stainless

Cat. No. FTF24BS
For Fin Size 610 mm
Brushed Stainless

CRL Fin Splice Fittings for 19 mm Glass

- Fin Splice Fittings are used to stack multiple pieces of glass to construct extra tall fins used to stabilize the glass facade.
- 316 stainless steel



Cat. No. FSF12BS
For Fin Size 305 mm
Brushed Stainless

Cat. No. FSF16BS
For Fin Size 406 mm
Brushed Stainless

CRL Splice Fitting for Curtainwall Fin

- Use to stabilise glass facade
- For use on 19 mm tempered glass
- Made of 316 alloy stainless steel
- Tested to meet ASTM E283, E331, E330, AAMA 501

Cat. No. FSFHDBS
316 Stainless Steel

316 Grade Stainless Steel

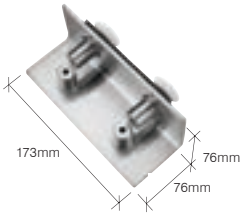
Spider Fixings

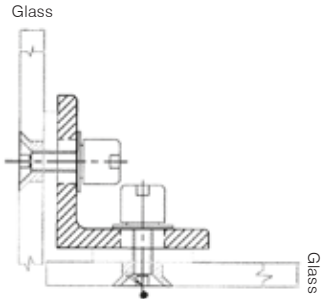
CRL 90 Degree Corner Bracket

- Used to secure glass at 90 degree corners
- Supplied with four rigid countersunk glass connecting screws
- 316 stainless steel

Cat. No. CBP90BS
Brushed Stainless

Cat. No. CBP90PS
Polished Stainless



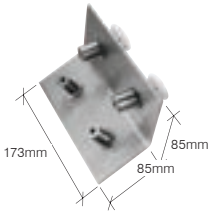


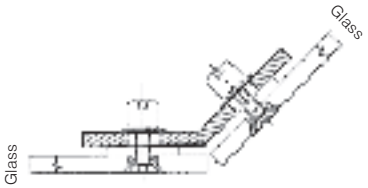
CRL 135 Degree Corner Bracket

- Used to secure glass at 135 degree corners
- Supplied with four rigid countersunk glass connecting screws
- 316 stainless steel

Cat. No. CBP135BS
Brushed Stainless

Cat. No. CBP135PS
Polished Stainless



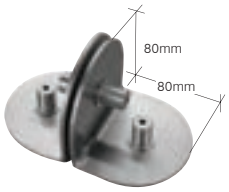


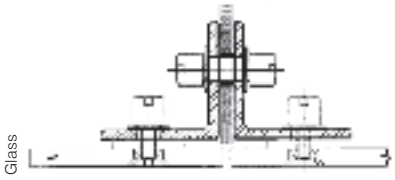
CRL 2-Way Glass/ 1-Way Wall Circular Bracket

- Used to link two inline panels of glass to a fin support behind
- Used to connect one or two inline panels to a fin support or, when split apart they can be used to connect one panel to a wall
- Supplied with two rigid countersunk glass connecting screws and one fin securing bolt
- 316 stainless steel

Cat. No. CCB2BS
Brushed Stainless

Cat. No. CCB2PS
Polished Stainless





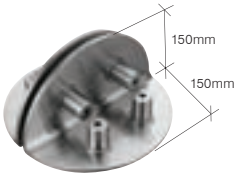
316 Grade Stainless Steel

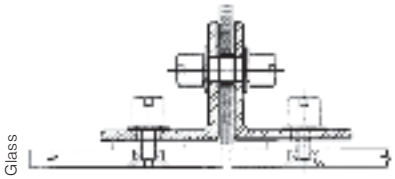
Spider Fixings

CRL 4-Way Glass/ 2-Way Wall Circular Bracket

Cat. No. CCB4BS
Brushed Stainless

- Used to link two or four inline panels of glass to a fin support behind
- Used to connect two or four inline panels to a fin support or, when split apart they can be used to connect one or two panels to a wall
- Supplied with four rigid countersunk glass connecting screws and two fin securing bolt
- 316 stainless steel



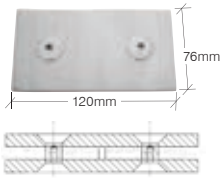


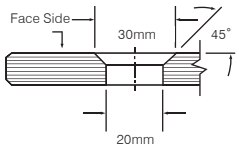
CRL Link Bracket

Cat. No. CLB1BS
Brushed Stainless

Cat. No. CLB1PS
Polished Stainless

- Used to connect two 12 mm inline glass panels together to reduce differential deflection
- Supplied with two glass connecting screws





CRL Stainless Steel Sex Bolt

Cat. No. M8SBSS
Brushed Stainless

- Countersunk head
- For use with Cat. No. FTF12, FTF16, FTF20, FTF24, FSF12, FSF16, FSF20, FSF24 and CLB1 Fittings and Brackets.
- Sold per package which contains 10 sets

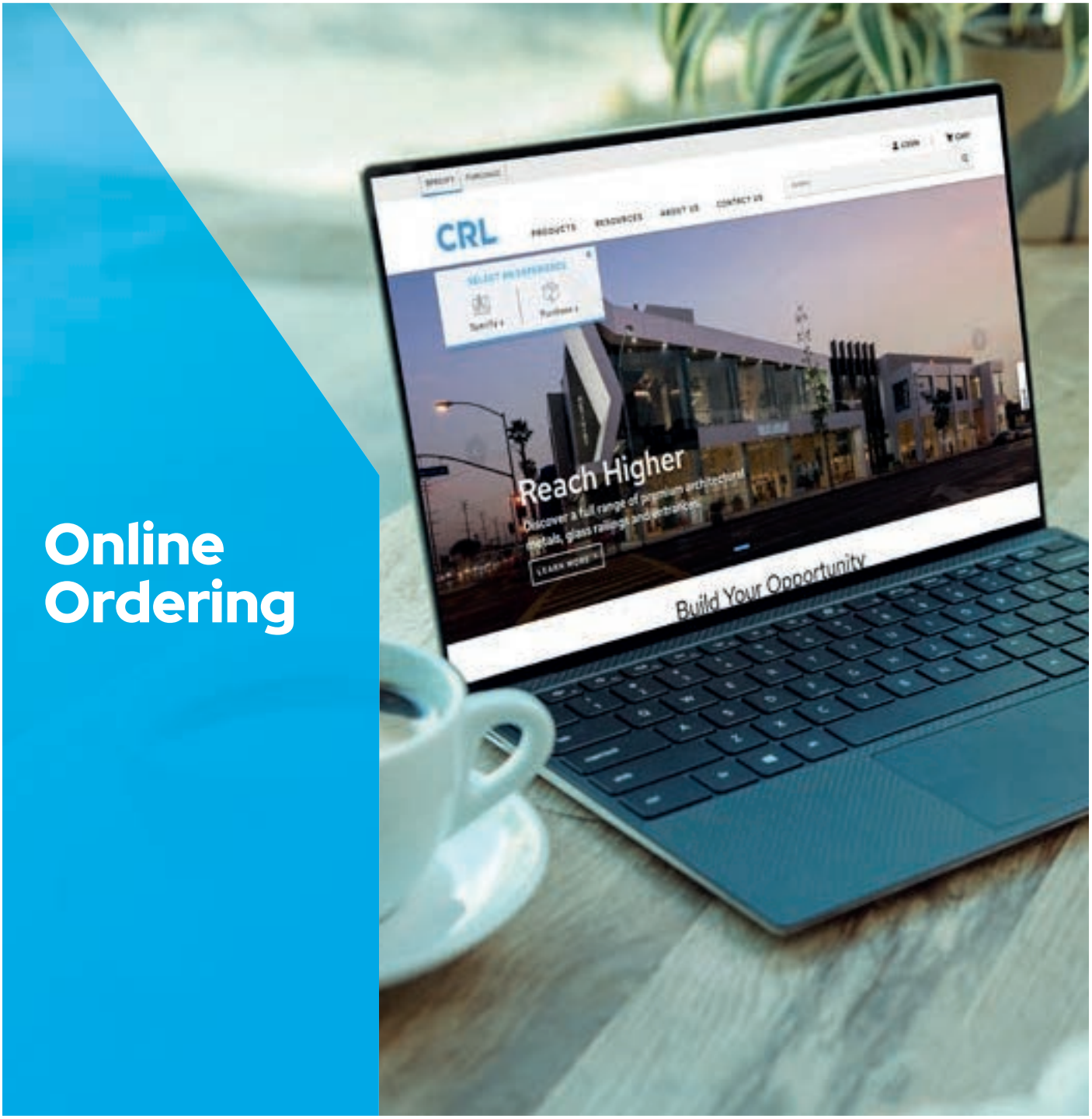
CRL Universal Spanner Wrench Kit

Cat. No. USW10

- Adjustable universal wrench
- Includes metric and fractional spanner pin sets
- Fits CRL brand Laguna Series brackets and spider fittings to glass
- Quick and efficient method of attaching or loosening spanners

316 Grade Stainless Steel

Online Ordering



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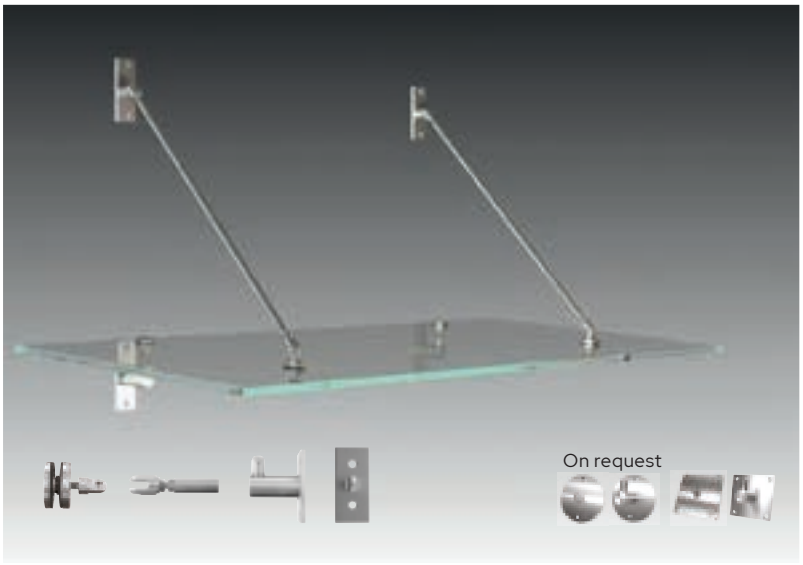
- **Search our product database**
- **Check pricing**
- **Check stock availability**
- **Order 24/7 at crlaurence.co.uk**

CRL Glass Awning Support System

CRL Glass Awning Support System

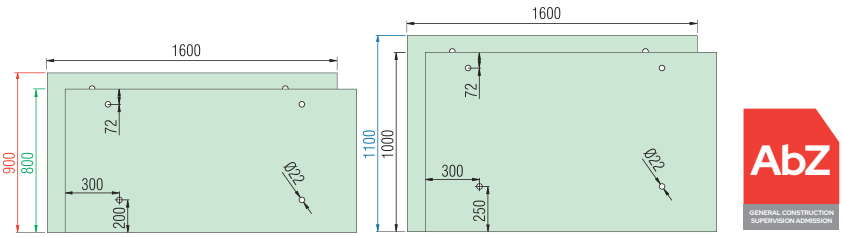


CRL Glass Awning Support System

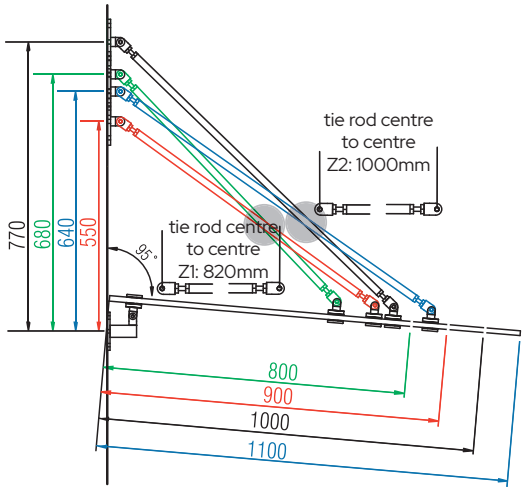
- AbZ Certified
- Sold as set
- AISI 304 Grade Stainless Steel
- Brushed Stainless Steel finish
- Corrosion protection class 2, DIN EN 10088
- Glass thickness range 17.52 mm to 21.52 mm
- Material Grade 316 Stainless Steel available on request

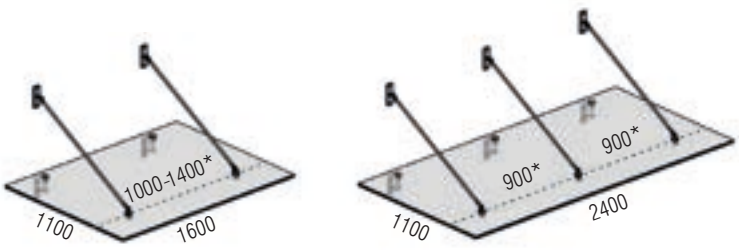
Set consisting of:

- 4 point fittings Ø 45 mm with mounting link
- 2 upper fastening plates
- 2 lower fastening plates
- 2 tie rods with yoke
- without glass



Glass: laminated safety glass consisting of heat strengthened glass with quadruple foil 8/1.52/8mm or 10/1.52/10mm





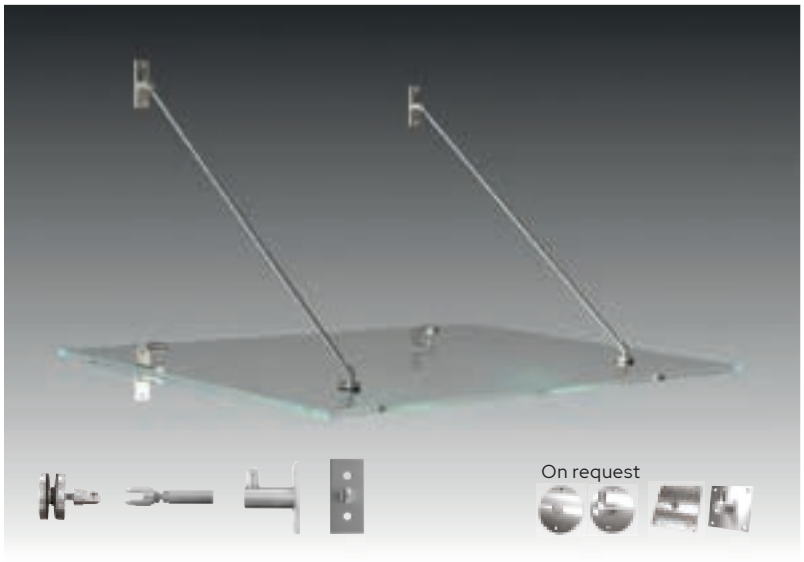
* max. tie rod distance

Tie rods	Fittings	Glass thickness	Max. design load
2	4	2 x 8mm	2.16 kN/m²
2	4	2 x 10mm	3.43 kN/m²
3	6	2 x 8mm	1.84 kN/m²
3	6	2 x 10mm	2.95 kN/m²

Please order for 3ea rod additional CAT.NO. EUGAS9001BS / EUGAS11001BS.

CAT. NO.	FASTENING PLATES	DESCRIPTION	OVERHANG	TIE ROD	CANOPY SLOPE
EUGAS900BS	Rectangular	CRL Awning Kit for 900mm	800 - 900mm	Z1 (820mm)	max. 10°
EUGAS1100BS	Rectangular	CRL Awning Kit for 1100mm	1000 - 1100mm	Z2 (1000mm)	max. 10°
EUGAS9001BS	Rectangular	CRL Awning Half Kit for 900mm	800 - 900mm	Z1 (820mm)	max. 10°
EUGAS11001BS	Rectangular	CRL Awning Half Kit for 1100mm	1000 - 11000mm	Z2 (1000mm)	max. 10°

CRL Awning Kit for 1300 mm Projection Glass Canopy

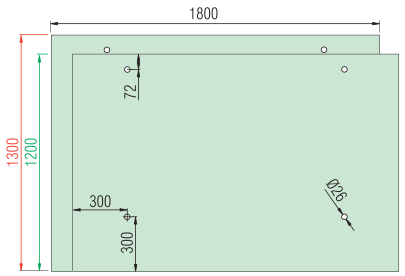


CRL Glass Awning Support System

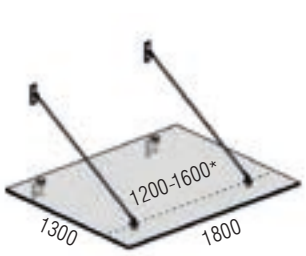
- AbZ Certified
- Sold as set
- AISI 304 Grade Stainless Steel
- Brushed Stainless Steel finish
- Corrosion protection class 2, DIN EN 10088
- Glass thickness range 21.52 mm to 25.52 mm
- Material Grade 316 Stainless Steel available on request

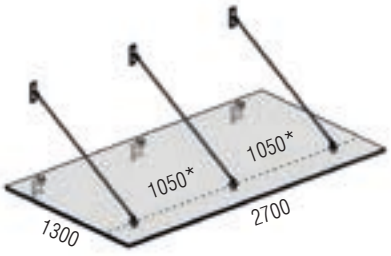
Set consisting of:

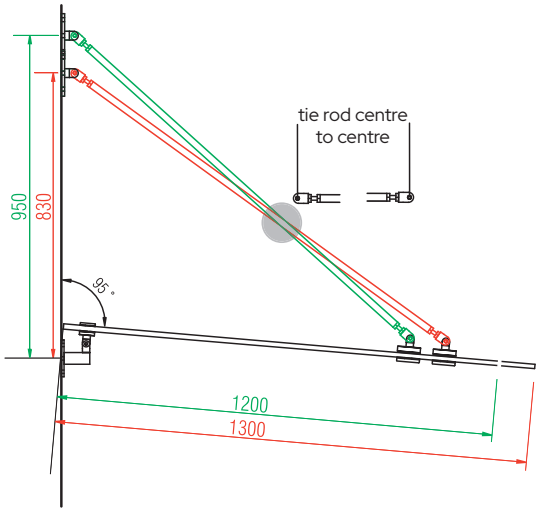
- 4 point fittings Ø 60 mm with mounting link
- 2 upper fastening plates
- 2 lower fastening plates
- 2 tie rods with yoke
- Without glass



Glass: laminated safety glass consisting of heat strengthened glass with quadruple foil 10/1.52/10mm or 12/1.52/12mm







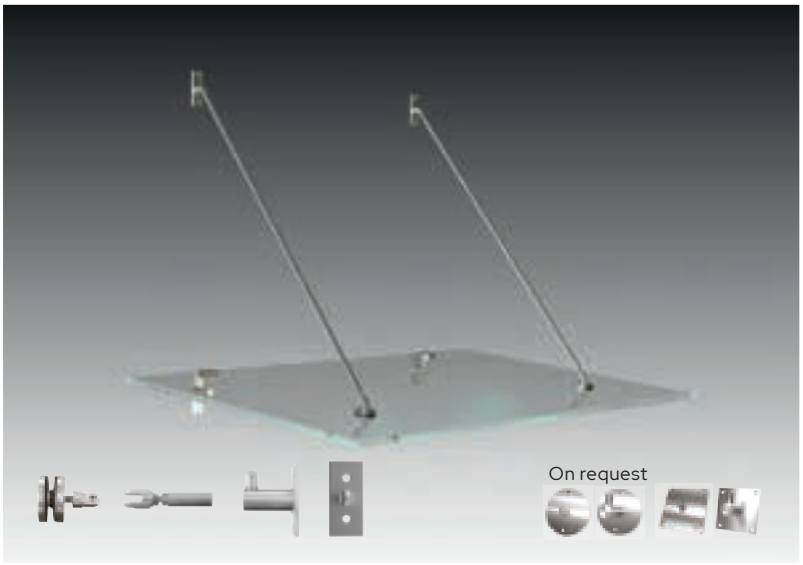
Tie rods	Fittings	Glass thickness	Max. design load
2	4	2 x 10mm	3.01 kN/m2
2	4	2 x 12mm	4.43 kN/m2
3	6	2 x 10mm	2.55 kN/m2
3	6	2 x 12mm	3.89 kN/m2

* max. tie rod distance

Please order for 3ea rod additional CAT.NO. EUGAS13001BS.

CAT. NO.	FASTENING PLATES	DESCRIPTION	OVERHANG	TIE ROD	CANOPY SLOPE
EUGAS1300BS	Rectangular	CRL Awning Kit for 1300mm	1200 - 1300mm	Z3 (1250mm)	max. 10°
EUGAS13001BS	Rectangular	CRL Awning Half Kit for 1300mm	1200 - 1300mm	Z3 (1250mm)	max. 10°

CRL Awning Kit for 1600/2000 mm Projection Glass Canopy

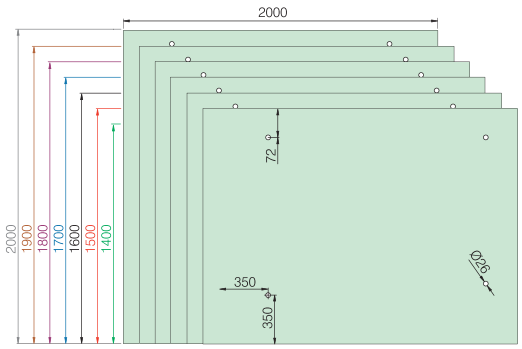


CRL Glass Awning Support System

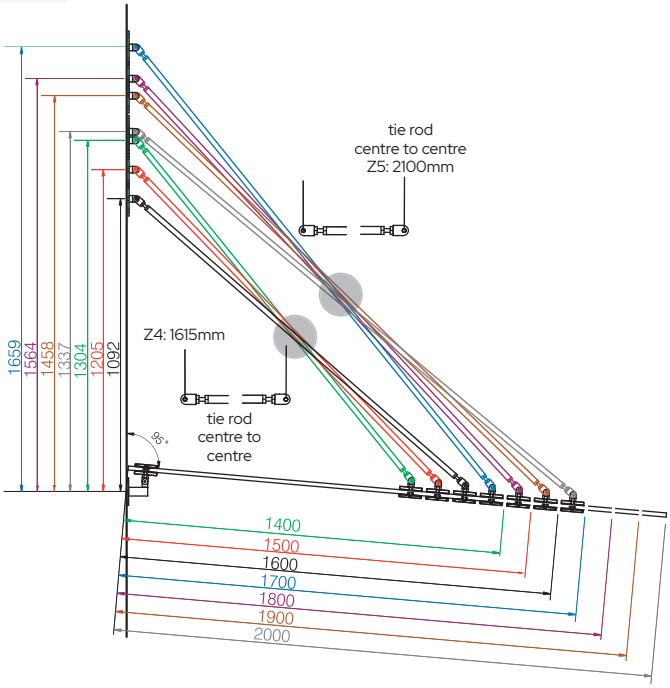
- AbZ Certified
- Sold as set
- AISI 304 Grade Stainless Steel
- Brushed Stainless Steel finish
- Corrosion protection class 2, DIN EN 10088
- Glass thickness range 21.52 mm to 25.52 mm
- Material Grade 316 Stainless Steel available on request

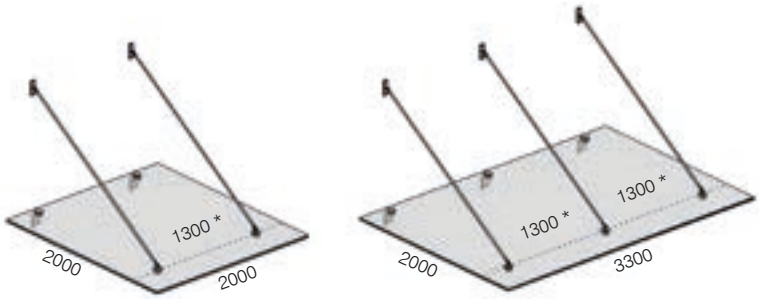
Set consisting of:

- 4 point fittings Ø 80 mm with mounting link
- 2 upper fastening plates
- 2 lower fastening plates
- 2 tie rods with yoke
- Without glass



Glass: laminated safety glass consisting of heat strengthened glass with quadruple foil 10/1.52/10mm or 12/1.52/12mm





* *max. tie rod distance*

Tie rods	Fittings	Glass thickness	Max. design load
2	4	2 x 10mm	2,07 kN/m2
2	4	2 x 12mm	3,09 kN/m2
3	6	2 x 10mm	1,27 kN/m2
3	6	2 x 12mm	1,83 kN/m2

Please order for 3ea rod additional CAT.NO. EUGAS16001BS / EUGAS20001BS.

CAT. NO.	FASTENING PLATES	DESCRIPTION	OVERHANG	TIE ROD	CANOPY SLOPE
EUGAS1600BS	Rectangular	CRL Awning Kit for 1600mm	1400 - 1600mm	Z4 (1615mm)	max. 10°
EUGAS2000BS	Rectangular	CRL Awning Kit for 2000mm	1700 - 2000mm	Z5 (2100mm)	max. 10°
EUGAS16001BS	Rectangular	CRL Awning Half Kit for 1600mm	1400 - 1600mm	Z4 (1615mm)	max. 10°
EUGAS20001BS	Rectangular	CRL Awning Half Kit for 2000mm	1700 - 2000mm	Z5 (2100mm)	max. 10°

CRL Glass Awning Support System

Offer protection from the weather without obstructing the view

The CRL Glass Awning Support System will give any entrance an uncomplicated, graceful look, enhancing the design of any building.

With the use of toughened laminated glass you can add a range of glass colours, textures, and special effects not available with typical monolithic glass. This complements and enhances the design of any building.

The use of eye and fork connections makes the installation of our Awning System quick and easy. The Connecting Rods are designed to make field adjustments on varying job conditions a snap. All components are 316 alloy stainless steel for durability in even the harshest of environments.

- High grade 316 stainless steel for durability in even the harshest of environments
- Complete hardware system for 13.52 mm toughened laminated glass awnings
- Provides protection from the weather without obstructing the view
- Adjustable slope for most weather conditions
- All high grade 316 alloy stainless steel components for panel sizes up to 1219 mm wide and 1829 mm long with two rods and mounting kits
- Easy installation

Specifications

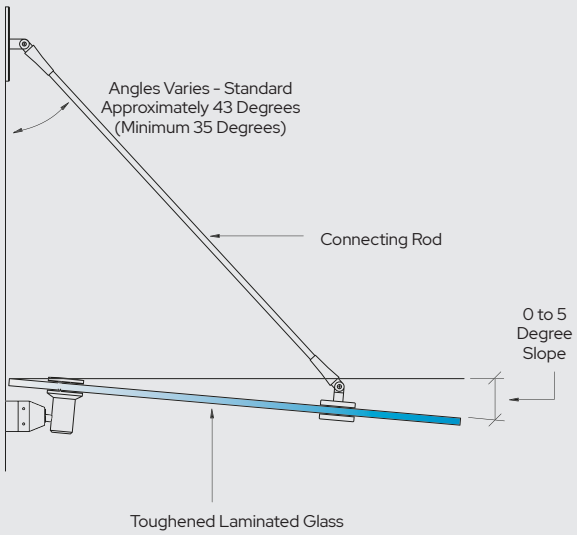
Material: All 316 alloy stainless steel construction.

Typical Panel: 13.52 mm thick toughened laminated glass comprised of 6mm toughened glass, 1.52 mm interlayer, and 6 mm toughened glass.

Glass Fabrication Required:
Two 16 mm and two 27 mm diameter holes per panel.

Ordering Tip: Though sold individually, two Connecting Rods and two Mounting Kits are required for each panel.

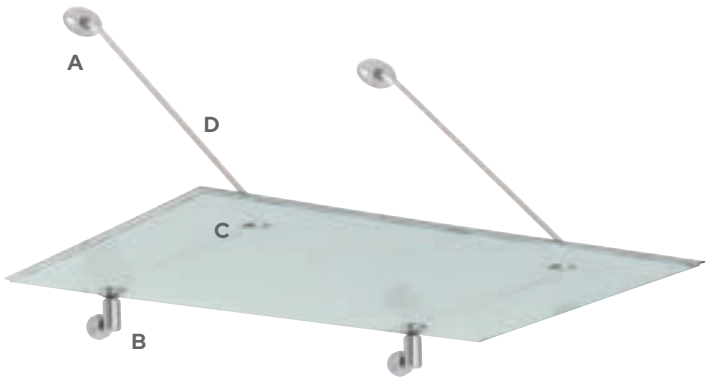
See **crlaurence.co.uk** for glass fabrication details



System Components

Stainless Steel Mounts (A and B) and Pivots (C) are contained in the GAS190BS Mounting Kit. Order Connecting Rods (D) to suit panel width and application conditions. These are contained in GAS137BS, GAS145BS and GAS154BS.

NOTE: Glass panel not included.



316 Grade Stainless Steel

Freephone: 00 800 0421 6144 **t:** +44 (0) 1706 863 600 **e:** crl@crlaurence.co.uk **w:** crlaurence.co.uk

CRL Langle Mounting Kit

CRL Langle mounting kit

Cat. No. GAS190BS

- Oval top mounting bracket and pivot for edge of glass furthest from building are connected by one of three available rod lengths.
- Bottom Mount and Pivot are connected to each other to support edge of glass nearest the building.
- High grade 316 stainless steel for durability in even the harshest of environments
- Complete hardware system for 13.52 mm toughened laminated glass awnings
- Provides protection from the weather without obstructing the view
- Adjustable slope for most weather conditions
- All high grade 316 alloy stainless steel components for panel sizes up to 1219 mm wide and 1829 mm long with two rods and mounting kits
- Easy installation allows an economical and elegant solution for both commercial and residential applications

CRL Connecting Rods

- CRL Langle glass awning system connecting rod for panels

Cat. No. GAS137BS
CRL Langle 940 mm glass awning system connecting rod for 914 mm wide panels

Cat. No. GAS145BS
CRL Langle 1143 mm glass awning system connecting rod for 1067 mm wide panels

Cat. No. GAS154BS
CRL Langle 1372 mm glass awning system connecting rod for 1219 mm wide panels

940mm (±16mm)

1143mm (±16mm)

1371mm (±16mm)

CRL Double Plate Glass Awning Pivot

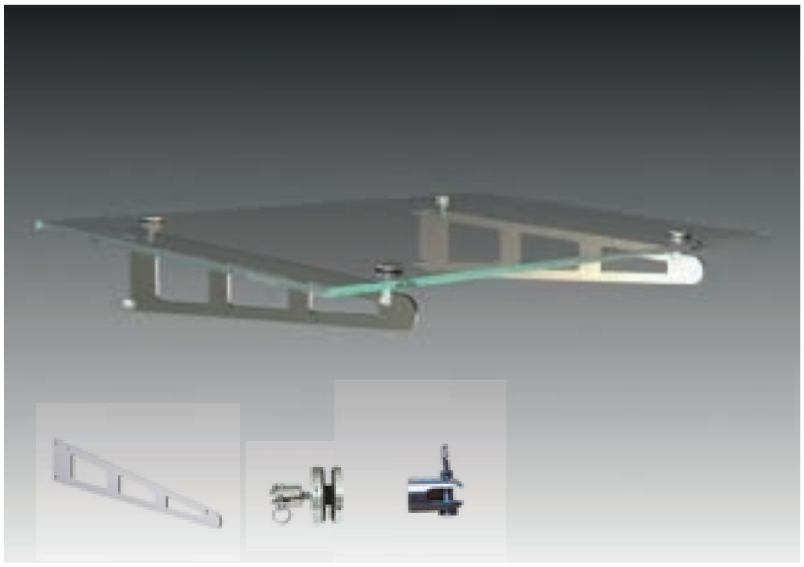
Cat. No. GAS122BS

This CRL Double Plate Glass Awning Pivot is for use with our Glass Awning System Support Rods. The Pivot allows for two awning panels to be attached in-line using only one Tension Rod at the connection point instead of two.

- Fabricated from 316 alloy stainless steel
- Available in brushed or polished stainless
- Complete hardware system for 13.52 mm toughened laminated glass awnings
- Provides protection from the weather without obstructing the view
- Adjustable slope for most weather conditions
- All high grade 316 alloy stainless steel components for panel sizes up to 1219 mm wide and 1829 mm long with two rods and mounting kits
- Easy installation allows an economical and elegant solution for both commercial and residential applications

316 Grade Stainless Steel

CRL Awning Brackets for Glass Canopy

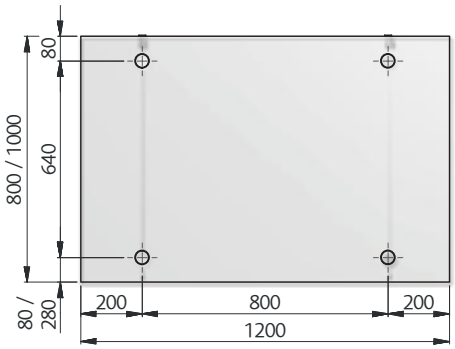


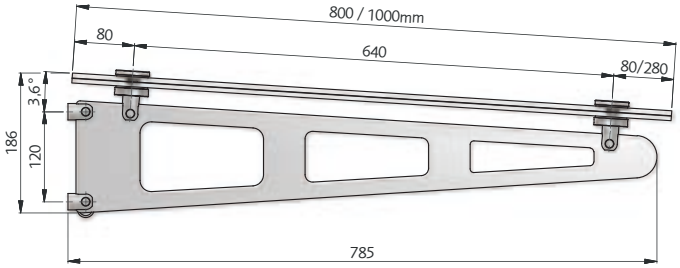
CRL Awning Bracket Set for Glass Canopy

- Proven static available
- Corrosion protection class 2, DIN EN 10088
- Glass thickness range 13.52 mm to 17.52 mm

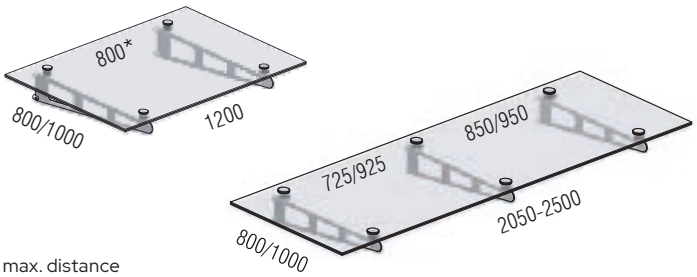
Set consisting of:

- 2 blades
- 4 point fittings Ø 60 mm with yoke
- Without glass





Glass: laminated safety glass consisting of heat strengthened glass with quadruple foil 6/1.52/6 mm or 8/1.52/8 mm



* max. distance

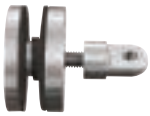
Blades	Overhang	Glass thickness	CRL Awning Brackets for 774mm
2	800	2 x 6mm	1.98 kN/m²
2	800	2 x 8mm	4.14 kN/m²
2	1000	2 x 6mm	1.34 kN/m²
2	1000	2 x 8mm	2.70 kN/m²
3	800 x 2300	2 x 6mm	1.50 kN/m² (850)
3	800 x 2500	2 x 8mm	2.00 kN/m² (950)
3	1000 x 2050	2 x 6mm	1.50 kN/m² (725)
3	1000 x 2450	2 x 8mm	1.50 kN/m² (925)

** max. charact. load

CAT. NO.	DESCRIPTION	OVERHANG	BLADE	OVERHANG	CANOPY SLOPE	MATERIAL
EUGAB1000BS	CRL Awning Brackets for Glass Canopy - Set	Ø 60mm	785mm	800-1000mm	max. 3.6°	304 grade Stainless Steel
EUGAB10001BS	CRL Awning Brackets for Glass Canopy - Single Arm	Ø 60mm	785mm	800-1000mm	max. 3.6°	304 grade Stainless Steel
EUGAB1000BS6	CRL Awning Brackets for Glass Canopy - Set	Ø 60mm	785mm	800-1000mm	max. 3.6°	316 Grade Stainless Steel
EUGAB10001BS6	CRL Awning Bracket for Glass Canopy - Single Arm	Ø 60mm	785mm	800-1000mm	max. 3.6°	316 Grade Stainless Steel

CRL Awning Single Components

You may also need...

	CAT. NO.	OPTION	DESCRIPTION
	**EUGAS45PF** **EUGAS60PF** **EUGAS80PF**	Ø 45mm Ø 60mm Ø 80mm	Point fitting with link
	EUGAS820ROD **EUGAS1000ROD** **EUGAS1250ROD** **EUGAS1615ROD** **EUGAS2100ROD**	Z1 820mm (Small) Z2 1000mm (Small) Z3 1250mm (Medium) Z4 1615mm (Large) Z5 2100mm (Large)	Tie rod with yoke
	EUGASU	Rectangular	Upper fastening plate
	EUGASL	Rectangular	Lower fastening plate
	EUGASRDU	Round	Upper fastening plate
	EUGASRDL	Round	Lower fastening plate
	EUGASSQU	Square	Upper fastening plate
	EUGASSQL	Square	Lower fastening plate
	EUGASWRENCH45 **EUGASWRENCH80**	Ø 45 - 60mm Ø 80mm	Hook wrench for point fittings

CRL Glass Awning Wall Mounted Brackets

Glass Awning Support System

These universal wall mounted glass awning brackets have really become popular, not just for their looks but also their versatility.

- Used on flat or curved top segmented glass
- Fabricated from 304 alloy stainless steel
- Available in brushed or polished stainless
- Custom angles or 45 degree corner brackets are available on special order
- Requires 13.52 mm thick toughened laminated glass

Freephone: 00 800 0421 6144 **t:** +44 (0) 1706 863 600 **e:** crl@crlaurence.co.uk **w:** crlaurence.co.uk

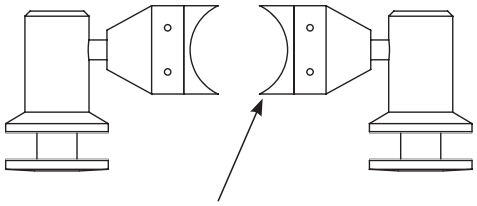
CRL Glass Awning Wall Mounted Brackets

CRL Double Arm Fixed Fitting Set

- Fabricated from 316 alloy stainless steel
- Available in brushed or polished stainless

Cat. No. RB50FBS
Brushed Stainless

Cat. No. RB50FPS
Polished Stainless



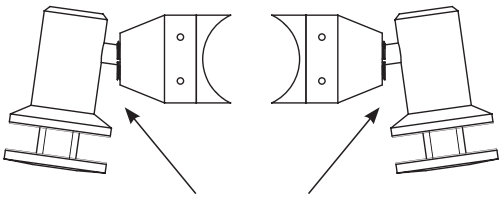
Fixed Fitting
Designed for mounting to 38mm schedule 40 post, column, or flat wall.

CRL Double Arm Swivel Fitting Set

- Fabricated from 316 alloy stainless steel
- Available in brushed or polished stainless

Cat. No. RB50SBS
Brushed Stainless

Cat. No. RB50SPS
Polished Stainless



Swivel Fitting
Designed for segment applications. Each Swivel Fitting is adjustable up to 8 degrees.

Cleaning and Surface Protection

Benefits of 6K

- 2 stage process
- Non irritant
- UV stable for long life
- Large coverage
- Abrasion resistant
- Hydrophobic protection
- Permanent bond

CRL 6K Hydrophobic Surface Protection System for Glass and Stainless Steel

- Stage one - Pre-clean
- Non-irritant
- UV stable for long life
- Abrasion resistant
- Hydrophobic protection
- Recommended for use with Pre-Clean Cloth (red)

Cat. No. PC6010 100 ml
Cat. No. PC6025 250 ml
Cat. No. PC6050 500 ml
Cat. No. PC6100 1 Litre

CRL 6K Hydrophobic Surface Protection System for Glass and Stainless Steel

- Stage two - Protect
- Non-irritant
- UV stable for long life
- Abrasion resistant
- Hydrophobic protection
- Recommended for use with Protect Cloth (blue)

Cat. No. 6K6010 100 ml
Cat. No. 6K6025 250 ml
Cat. No. 6K6050 500 ml
Cat. No. 6K6100 1 Litre

CRL Pre-Clean Cloth for the 6K Hydrophobic Surface Protection System

- To be used with CRL6K Pre-clean products

Cat. No. PCCL0TH
Red - Pre clean

CRL Protect Cloth for the 6K Hydrophobic Surface Protection System

- To be used with CRL6K Protect products

Cat. No. 6KCL0TH
Blue - Protect

CRL 6K Aftercare Glass Cleaner

- Non-silicone based glass cleaner
- Leaves glass clear and smear-free
- Ideal for shower screens

Cat. No. AC6050
500 ml

Cleaning and Surface Protection

CRL Cleaner and Degreaser

- Contains no ozone depleting chemicals
- Evaporates quickly
- Cleans surfaces for UV adhesives
- Removes all traces of grease and oils and leaves no residue
- Big 660 ml cans

Cat. No. EUCRL7528

CRL Refresh - Stainless Steel Refresher/Cleaner

- Semi-permanent anti-finger print effect and stain elimination
- Removes grease and finger prints
- Coats the surface to help conceal against further every day marking
- Can be used as a cleaner (for pre-cleaning) and coating (for overlaying stains)
- For structured or brushed stainless steel

Cat. No. CRLSSR010
100 ml

Cat. No. CRLSSR025
250 ml

CRL Stainless Steel Cleaner

- Cleans and polishes stainless steel
- Food Safe – Ideal for use in food preparation areas
- Excellent for restoring shine to railings, shop cabinets, lift doors and stainless steel equipment
- Helps retain surface gloss
- Ideal for plastic and chrome surfaces

Cat. No. CRLSSC600
600 ml

CRL Glass and Mirror Cleaner

- A long time favourite of the glass industry
- Pleasant aroma
- 12 cans per case
- May be purchased with your label on can (Cat. No. 1702L).
- Non-smear fast acting
- Spray on wipe off brilliant finish

Cat. No. EB1701
660 ml can

Cat. No. EB1701T
1 litre spray bottle

CRL Lint Free Glass Wipes

- Strong, four-ply white paper wipes are virtually lint-free
- Reinforced nylon scrim in both directions so they work great wet or dry
- Six of these pop-up boxes are in each case of 1550
- Convenient pop-up dispenser box

Cat. No. BX15
1 Box

Cat. No. 1550
6 Boxes

CRL Accessories

CRL Neutral Cure Low Modulus Silicone - High Grade 100% Silicone Formula

- Low odour, neutral cure formula
- Compatible with insulating glass glazing
- Excellent adhesion to most surfaces
- Low modulus
- High quality formula - low shrinkage
- 300 ml cartridge
- 12 per case

Cat. No. EURTV408C
Clear

Cat. No. EURTV408W
White

Cat. No. EURTV408BL
Black

Cat. No. EURTV408G
Grey

Cat. No. EURTV408A
Anthracite

CRL EG310ULTRA Complete Adhesive

- MS polymer based
- Super-fast bonding of mirrors, glass, wood, composite panels, and metal, to a range of substrates
- Neutral curing and odourless
- Cures with atmospheric moisture
- Free of silicone and isocyanides
- 1cm² has a 20 kg holding capacity
- 290 ml cartridge

Please refer to instruction guidelines, see crlaurence.co.uk

Cat. No. EG310ULTRA
White Colour

CRL Standard Smooth Rod Caulking Gun

- Thumb pressure release button
- Perfect for low viscosity materials

Cat. No. ER3

CRL Sealant Finishing Tool

- Lightweight and flexible, simplifies tooling of sealants
- Titanium catalyst material will not stick to silicone or other sealants
- 83 mm x 89 mm x 5 mm

Cat. No. 55BSS

CRL Kwixset® Expanding Cement

- Suitable for exterior and interior applications
- Great for setting core mount stanchions for vertical posts
- Fast setting, will not shrink or crack when used as directed
- CRL recommends consulting with the glass fabricator prior to wet setting laminated tempered glass
- Easy to install

Cat. No. KWX25
11.3 kg

Cat. No. KWX50
22.7 kg

CRL Chemical Anchor System

- The strongest way to fit standoffs
- Odour free
- Sets harder than concrete
- Suitable for all substrates

Cat. No. EUCA300
Resin

Cat. No. EUCANOZZLE
Nozzle

Cat. No. EUCAPUMP
Pump

Cat. No. EUCASLEEVE
Sleeve

CRL Accessories

CRL S338 Sure-Grip 203 mm Vacuum Lifter

Cat. No. S338

- Greatest lifting capacity of any 203 mm pump activated vacuum lifter
- One hand pump and attachment for safety when needed
- Superior "press and pump" attachment feature
- Red-line indicator warns user of any vacuum loss
- Built-in vacuum loss indicator
- Soft contoured sure-grip handle for comfort
- Sturdy moulded carrying case
- Superior 68 kg lifting capacity

CRL Wood's Powr-Grip® 203 mm ABS Handle Vacuum Cup

Cat. No. N4000

- 203 mm diameter pad
- Check valve allows re-pumping without loss of remaining vacuum
- Release valve lever permits quick and complete release
- Red-line indicator warns user of any vacuum loss
- 57 kg lifting capacity

CRL Wood's Powr-Grip® 203 mm Vacuum Cup

Cat. No. N4950

- 203 mm diameter pad
- Check valve allows re-pumping without loss of remaining vacuum
- Release valve lever permits quick, complete release
- Red-line indicator warns user of any vacuum loss
- 57 kg lifting capacity
- Metal handle

CRL Aluminium Double Pad Vacuum Lifter

Cat. No. 05062

- 114 mm diameter pads
- Sturdily built traditional design aluminium frame
- Each suction pad operates separately
- 60 kg lifting capacity

CRL Standard Vinyl Roller Tool

Cat. No. VR04
279 mm

Cat. No. VR17
432 mm

- Ideal for inserting all types of flat spline and roll-in gaskets
- Made from solid aluminium with a hard coat anodised finish
- Knurl diamond grip and a ball bearing wheel

CRL Glasstrax Glass Dolly

Cat. No. GT02

- Self clamping action locks loads up to 50.8 mm thick
- One person can load and manoeuvre
- Safe glass transport with large 272 kg capacity

CRL All Terrain Dolly

Cat. No. ATD1

- Ideal for moving heavy glass panels around the job site
- Goes where other glass dollies won't
- Built-In 203 mm Wood's™ Powr-Grip® Vacuum Cup
- Includes a set of our RB200 Roller Blocks
- Exclusive to CRL
- Frame in solid aluminium
- 181 kg load capacity

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