GLASS POOL FENCING systems

What you'll find inside V14

Frameless, semi-frameless systems
Friction spigots, face fix spigots & glass channel systems
Latch kits & hinge kits
Glass standoffs & clamps
Grout & other extras

The essentials.

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Frameless glass

1200mm high panels, gates, hinge panels & retaining wall panels

PAGE 12

Friction spigots

Our extensive range of core drill, base plated & face mount spigots

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Semi-frameless systems

5 ranges of semi frameless systems for any install situation we could think of

And everything else.

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The highest quality pool fencing glass.

We have developed a reputation in the trade for supplying the highest quality tempered glass. Absolute attention to detail in production, packing and quality control mean clients can be assured of consistency of top quality products

Glass factory

All steps in production process reach the highest quality levels

Float glass

- All glass is processed from the same float glass supplier
- Quality and die batch of glass remains consistent
- Strict quality checks to ensure only conforming float glass is processed

Double edge polishing machines

- Perfect polish and blemish free edges
- Horizontal double edge polishing machines give the finest edge finish
- Speed of glass through edging machine is monitored
- Quality control personnel check each sheet of glass
- Sophisticated water filtration system ensures clean water is used during polishing

Tempering oven

Toughened glass is made from annealed glass via a thermal tempering process. The glass is placed onto a roller table, taking it through a furnace that heats it above its annealing point of approx 700 °C. The glass is then rapidly cooled with forced air drafts. Of critical importance in glass processing is the tempering furnace used

- New furnace used can toughen up to 2440mm x 3600mm glass
- Specially designed furnace for heavy glass – Optimally toughens 8mm thick and above
- On-site mechanic ensures regular maintenance
- Punch testing of toughened glass every hour as per Australian Standards

Tested & certified

Our 6mm, 8mm, 10mm & 12mm glass is tested and certified as complying with the requirements of Australian & New Zealand Standard 2208:1996 - Safety Glazing Material in Buildings

Detailed quality control

At each stage of production (cutting, polishing, drilling, tempering and packing) dedicated Quality Control Personnel inspect each sheet of glass. Glass identified as not conforming to the highest quality standards is set aside.

In addition to skilled factory staff, we retain our own Quality Assurance people to review shipments. Random sampling of glass is undertaken to ensure compliance with detailed quality assurance specifications relating to glass surface finish, edge finish, labelling identification, packing specification and the like. Quality assurance reports are provided to us and the factory to ensure the highest standards are continually achieved and monitored.

Full ERP system implemented with each sheet barcoded: records kept to show exact time glass processed at each step of production = industry leading manufacturing.

GASP testing machine: MEASURING SURFACE STRESS IN TEMPERED GLASS to ensure optimal tensile surface strength. Testing with the GASP machine allows optimisation of furnace settings; ensures conformance to specifications and avoids under or over-stressing glass.

Attention to detail in packing

At the packing stage of production, all glass panels pass through purpose built inspection racks where there is a 100% QC check to ensure only glass panels that conform to strict requirements of edge work, flatness, squareness, perfect radius corners and a range of further detailed specifications are allowed to be packed.

We're serious about quality, seriously.

Pool fencing glass is Grade "A" standard and proudly displays the SAI Global certified product mark.

We are authorised to display the SAI Global product conformance mark as confirmation that the manufacturing process is able to consistently produce glass in compliance with AS/NZS 2208: 1996 Safety Glazing Materials In Buildings.

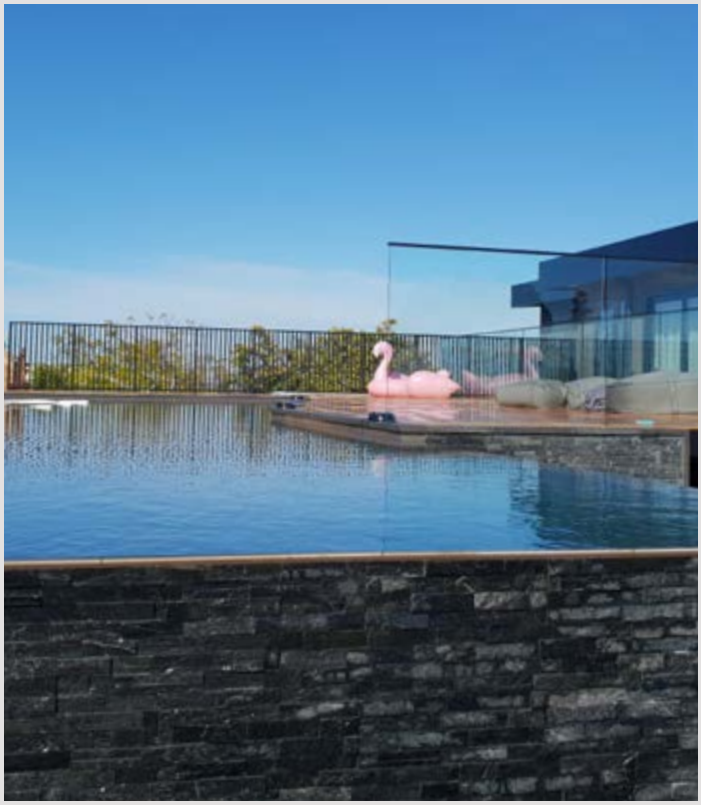
Taking the extra steps

In addition to SAI Global conformance, we retain the services of SGS. SGS is internationally recognized as the leader for inspection, verification, testing and certification with 90,000 employees and 2000 offices globally.

Glass Outlet has retained SGS to review and audit factory compliance to detailed production requirements as set out by SAI Global in conjunction with requirements of AS/NZS 2208:1996.

Companies globally rely on SGS for independent third-party inspections, testing and auditing solutions to ensure products, services and processes comply with the latest quality standards.

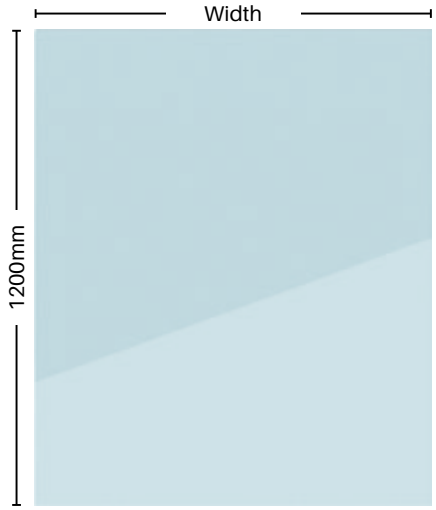
The combined efforts of a world leading production facility, SAI Global conformance and independent auditing by SGS ensure Glass Outlet supplies industry leading quality.



12MM TOUGHENED GLASS

Our large range of 12mm thick clear toughened glass pool panels allows you to select an installation configuration to cover nearly all frameless situations.

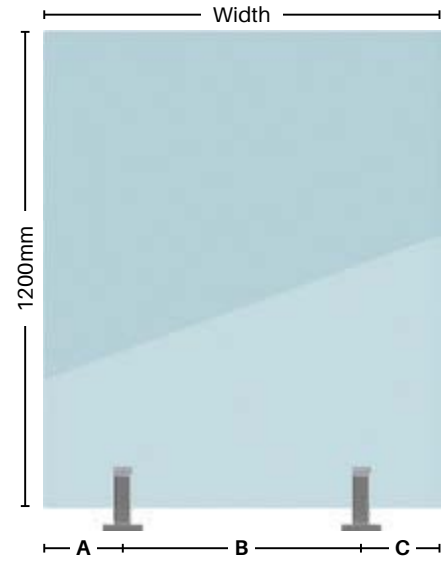
Panels are produced under strict quality conformance requirements which has led to recognition as the industry leading supplier.

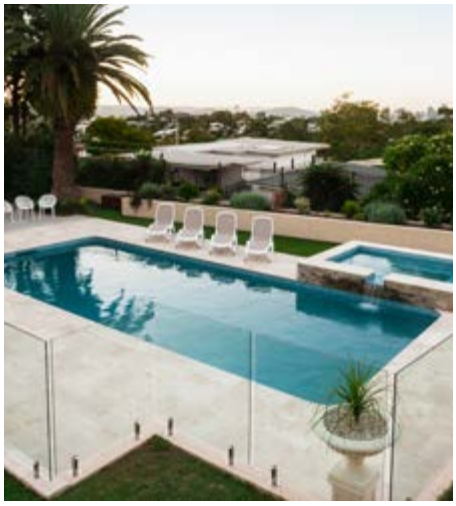


- 12mm thick clear toughened
- 5mm radius corners
- Suits friction spigots
- No hole toughened glass
- Superior edge finishing
- Grade 'A' toughened glass
- Australian standards compliant AS/NZS2208
- Corner protectors in packing

Order Code	Width	Height	Sqm	Weight
12N-0200	200mm	1200mm	0.24	7kg
12N-0300	300mm	1200mm	0.36	11kg
12N-0400	400mm	1200mm	0.48	14kg
12N-0450	450mm	1200mm	0.54	16kg
12N-0500	500mm	1200mm	0.60	18kg
12N-0550	550mm	1200mm	0.66	20kg
12N-0600	600mm	1200mm	0.72	22kg
12N-0650	650mm	1200mm	0.78	23kg
12N-0700	700mm	1200mm	0.84	25kg
12N-0750	750mm	1200mm	0.90	27kg
12N-0800	800mm	1200mm	0.96	29kg
12N-0850	850mm	1200mm	1.02	31kg
12N-0900	900mm	1200mm	1.08	32kg
12N-0950	950mm	1200mm	1.14	34kg
12N-1000	1000mm	1200mm	1.20	36kg
12N-1050	1050mm	1200mm	1.26	38kg
12N-1100	1100mm	1200mm	1.32	40kg
12N-1150	1150mm	1200mm	1.38	41kg
12N-1200	1200mm	1200mm	1.44	43kg
12N-1250	1250mm	1200mm	1.50	45kg
12N-1300	1300mm	1200mm	1.56	47kg
12N-1350	1350mm	1200mm	1.62	49kg
12N-1400	1400mm	1200mm	1.68	50kg
12N-1450	1450mm	1200mm	1.74	52kg
12N-1500	1500mm	1200mm	1.80	54kg
12N-1550	1550mm	1200mm	1.86	56kg
12N-1600	1600mm	1200mm	1.92	58kg
12N-1650	1650mm	1200mm	1.98	59kg
12N-1700	1700mm	1200mm	2.04	61kg
12N-1750	1750mm	1200mm	2.10	63kg
12N-1800	1800mm	1200mm	2.16	65kg
12N-1850	1850mm	1200mm	2.22	67kg
12N-1900	1900mm	1200mm	2.28	68kg
12N-1950	1950mm	1200mm	2.34	70kg
12N-2000	2000mm	1200mm	2.40	72kg

SUGGESTED SPIGOT PLACEMENT

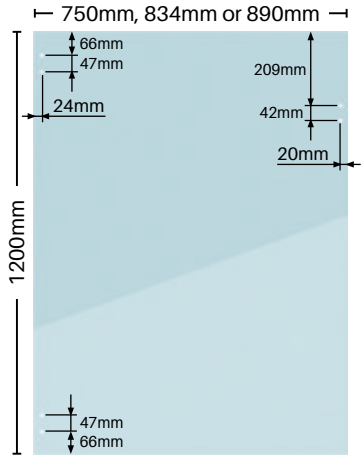




Overall Width	A*	B*	C*
200mm	50mm	100mm	50mm
300mm	100mm	100mm	100mm
400mm	100mm	200mm	100mm
450mm	100mm	250mm	100mm
500mm	100mm	300mm	100mm
550mm	100mm	350mm	100mm
600mm	100mm	400mm	100mm
650mm	100mm	450mm	100mm
700mm	100mm	500mm	100mm
750mm	150mm	450mm	150mm
800mm	150mm	500mm	150mm
850mm	150mm	550mm	150mm
900mm	150mm	600mm	150mm
950mm	150mm	650mm	150mm
1000mm	150mm	700mm	150mm
1050mm	150mm	750mm	150mm
1100mm	200mm	700mm	200mm
1150mm	200mm	750mm	200mm
1200mm	200mm	800mm	200mm
1250mm	200mm	850mm	200mm
1300mm	200mm	900mm	200mm
1350mm	200mm	950mm	200mm
1400mm	250mm	900mm	250mm
1450mm	250mm	950mm	250mm
1500mm	250mm	1000mm	250mm
1550mm	250mm	1050mm	250mm
1600mm	250mm	1100mm	250mm
1650mm	250mm	1150mm	250mm
1700mm	250mm	1200mm	250mm
1750mm	250mm	1250mm	250mm
1800mm	300mm	1200mm	300mm
1850mm	300mm	1250mm	300mm
1900mm	300mm	1300mm	300mm
1950mm	300mm	1350mm	300mm
2000mm	300mm	1400mm	300mm

*To centre of spigot

8MM MASTER RANGE GATE PANELS



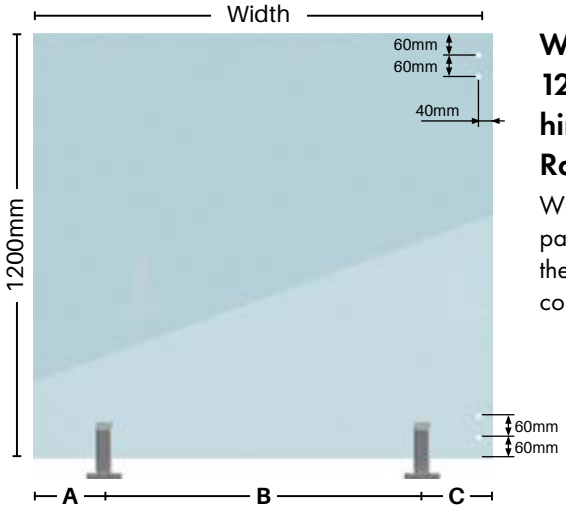
We offer 3 widths of 8mm clear toughened pool gate panels. The gates may be used to hinge from glass hinge panels or adjacent walls or posts. Holes are pre-drilled in gates to match Master Range hardware.

8mm thick glass gates are lighter than 10mm or 12mm thick glass gates which leads to less wear and tear on gate hardware over the long term.

- 8mm thick clear toughened
- 2mm radius corners
- Suits master range hardware
- 6x Ø10mm holes

Order Code	Width	Height	Sqm	Weight
08SLG-0750	750mm	1200mm	0.90	18kg
08SLG-0834	834mm	1200mm	1.00	20kg
08SLG-0890	890mm	1200mm	1.07	21kg

12MM MASTER RANGE HINGE PANELS



We offer 9 widths of 12mm thick toughened hinge panels to suit Master Range hinge hardware.

With a selection of 9 hinge panel widths plus 3 gate widths, the majority of installation configurations may be satisfied.

- 12mm thick clear toughened
- 5mm radius corners
- Suits master range hardware
- 4x Ø14mm holes

Use with glass to glass Master Range hinges

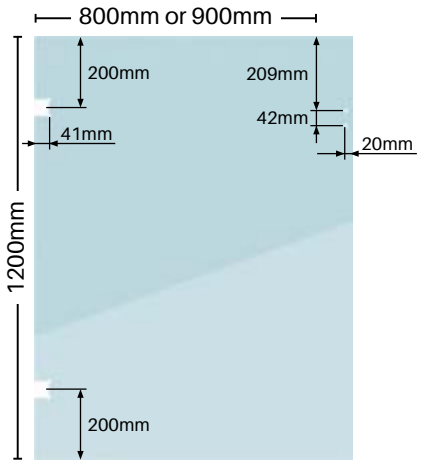
See **page 51** for specs

Suggested spigot placement *To centre of spigot

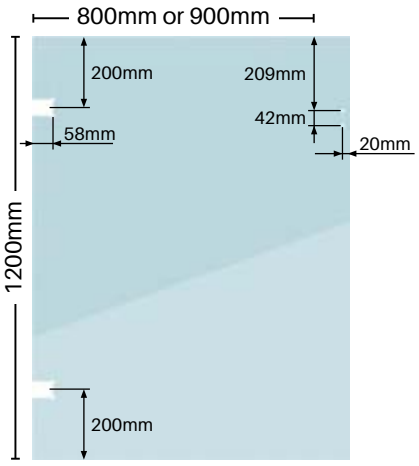
Width	A*	B*	C*
1000mm	150mm	700mm	150mm
1100mm	200mm	700mm	200mm
1200mm	200mm	800mm	200mm
1300mm	200mm	900mm	200mm
1400mm	250mm	900mm	250mm
1500mm	250mm	1000mm	250mm
1600mm	250mm	1100mm	250mm
1700mm	250mm	1200mm	250mm
1800mm	300mm	1200mm	300mm

Order Code	Width	Height	Sqm	Weight
12NH-1000	1000mm	1200mm	1.20	36kg
12NH-1100	1100mm	1200mm	1.32	40kg
12NH-1200	1200mm	1200mm	1.44	43kg
12NH-1300	1300mm	1200mm	1.56	47kg
12NH-1400	1400mm	1200mm	1.68	50kg
12NH-1500	1500mm	1200mm	1.80	54kg
12NH-1600	1600mm	1200mm	1.92	58kg
12NH-1700	1700mm	1200mm	2.04	61kg
12NH-1800	1800mm	1200mm	2.16	65kg

12MM POLARIS GATE PANELS



Suits glass to glass installation



Suits glass to wall/post installation

We offer 2 widths of gates to suit Polaris Soft Close hinges.

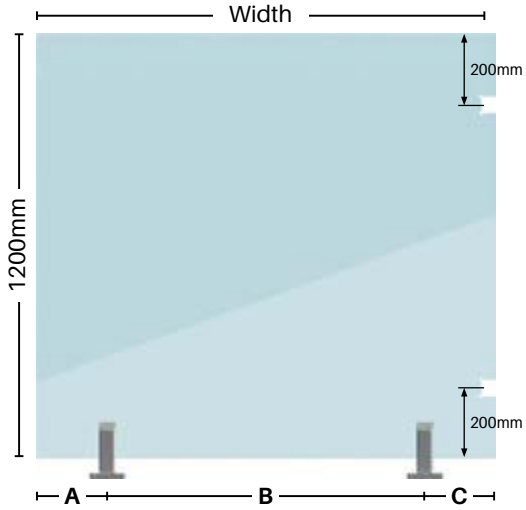
Polaris hinges are specially designed with a soft close action to take the weight of a 12mm thick glass gate.

The depth of the glass cut outs differ between the wall/post hinge gate and the glass to glass gate. A deeper hinge cut out is required for the wall/post glass gate, which is why two gate types are offered.

Application	Order Code	Width	Height	Sqm	Weight
Glass to glass	12PGG-0800	800mm	1200mm	0.96	29kg
	12PGG-0900	900mm	1200mm	1.08	32kg
Glass to wall/post	12PWG-0800	800mm	1200mm	0.96	29kg
	12PWG-0900	900mm	1200mm	1.08	32kg

- 12mm thick clear toughened
- 5mm radius corners
- Suits Polaris 120 series hinges
- 2x hinge cut outs
- 2x Ø12mm diameter holes

12MM POLARIS HINGE PANELS



Suggested spigot placement *To centre of spigot

Width	A*	B*	C*
1000mm	150mm	700mm	150mm
1100mm	200mm	700mm	200mm
1200mm	200mm	800mm	200mm
1300mm	200mm	900mm	200mm
1400mm	250mm	900mm	250mm
1500mm	250mm	1000mm	250mm
1600mm	250mm	1100mm	250mm
1700mm	250mm	1200mm	250mm
1800mm	300mm	1200mm	300mm

There are 9 widths of 12mm thick toughened hinge panels with cut outs to suit Polaris Soft Close Hinges.

With a selection of 9 hinge panel widths plus 2 gate widths, the majority of installation configurations may be satisfied.

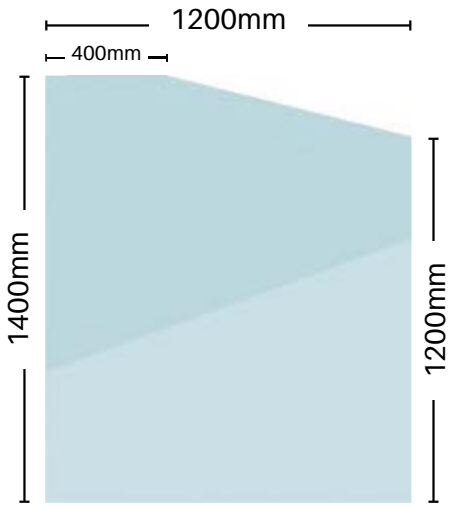
- 12mm thick clear toughened
- 5mm radius corners
- Suits Polaris 110 & 120 series hinges
- 2x hinge cut outs

Use with glass to glass Polaris Soft Close hinges

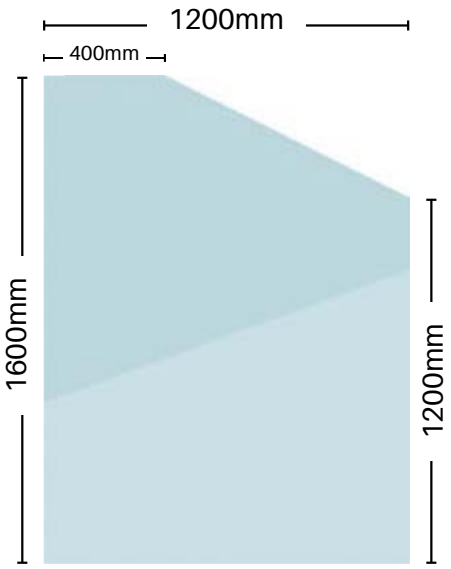
See **page 54** for specs

Order Code	Width	Height	Sqm	Weight
12NPH-1000	1000mm	1200mm	1.20	36kg
12NPH-1100	1100mm	1200mm	1.32	40kg
12NPH-1200	1200mm	1200mm	1.44	43kg
12NPH-1300	1300mm	1200mm	1.56	47kg
12NPH-1400	1400mm	1200mm	1.68	50kg
12NPH-1500	1500mm	1200mm	1.80	54kg
12NPH-1600	1600mm	1200mm	1.92	58kg
12NPH-1700	1700mm	1200mm	2.04	61kg
12NPH-1800	1800mm	1200mm	2.16	65kg

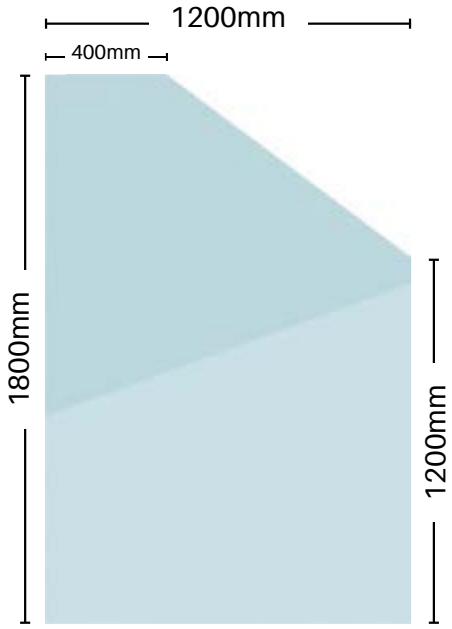
12MM RETAINING WALL PANELS



Order Code: **12NRP-1400HT**



Order Code: **12NRP-1600HT**



Order Code: **12NRP-1800HT**

To be compliant to pool fencing requirements, raked panels may be needed.

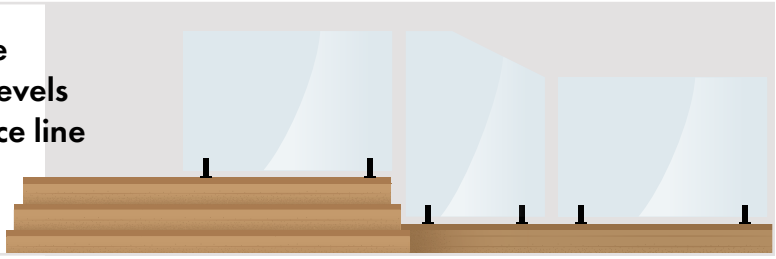
Our raked panels are higher at one side of the glass which enables step points or changes in height to be overcome. We have 1200mm wide panels with 3 heights available. The modular raked panels are at a large cost saving to custom made raked glass and also enable jobs to be completed immediately.

Please take care to refer to relevant Standards to ensure our raked panels are suitable for your needs as each installation situation/compliance requirement is unique.

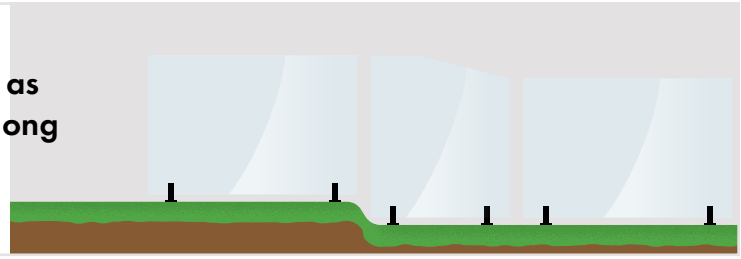
- 12mm thick clear toughened
- 5mm radius corners
- Suits friction spigots
- No hole toughened glass
- Superior edge finishing
- Grade 'A' toughened glass
- Australian standards compliant AS/NZS2208
- Corner protectors in packing

Order Code	Width	Height	Sqm	Weight
12NRP-1400HT	1200mm	1400mm	1.60	48kg
12NRP-1600HT	1200mm	1600mm	1.76	53kg
12NRP-1800HT	1200mm	1800mm	1.92	58kg

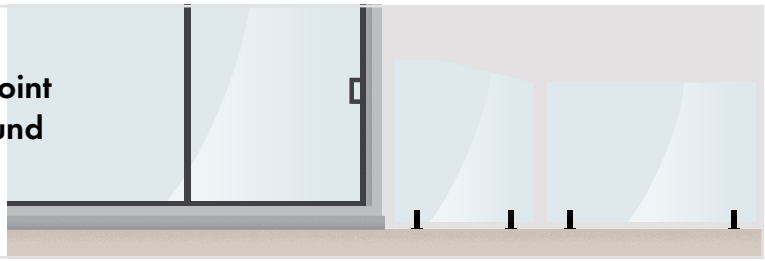
Overcome different levels along fence line



Overcome landscaping as a toe hold along fence line



Overcome stepping point issues around fence line



Consider using RIGI clamps to provide extra rigidity for bracing to adjacent panels

See **page 68** for specs

Friction spigot range

Glass Outlet's commitment to quality and compliance means we supply carefully designed products, keeping in mind both appearance and also Australian Standards' load requirements. Each product range is vigorously tested for material composition (compliance to stainless steel composition for example) and is tested by a NATA certified testing body to load requirements.

Our large range of spigots and finishes ensures a product selection is possible for all install situations.

Madrid range SS2205
Core drill & base plated

- Duplex stainless steel 2205
- Polish, satin or matt black finish
- Recessed friction plate for ease of installation
- Single friction
- Maximum strength

Pool Madrid range SS2205
Core drill & base plated

- Duplex stainless steel 2205
- Polish or satin finish
- Recessed friction plate for ease of installation
- Single friction
- Specifically designed for pool fence load requirements at an incredible price point

extended body

Pool Madrid range SS2205
Core drill

- Duplex stainless steel 2205
- Polish, satin or matt black finish
- Recessed friction plate for ease of installation
- Single friction core drill spigot
- Extended body ideal where extra depth required for pool fencing installations

Madrid face mount SS2205
Face mount

NEW!

- Duplex stainless steel 2205
- Polish, satin or matt black finish
- Recessed friction plate for ease of installation
- Single friction
- Face mount with hidden fixings
- Ideal for narrow width slab installations

Madrid tilt SS2205
Face mount

NEW!

- Duplex stainless steel 2205
- Polish, satin or matt black finish
- Face mount installation
- Ideal for narrow width slabs
- Innovative tilt adjustment assists with aligning glass panels

Madrid deluxe SS2205
Top fix

- Duplex stainless steel 2205
- Polish or satin finish
- Single central bottom fixing
- Ideal for narrow beams or slabs
- No need for dress rings or base plate covers

Pool fencing compliant	Australia's largest range
Friction fits to 12mm glass	Easy to courier

Lifestyle range SS2205

PATENTED DOUBLE FRICTION

Core drill & base plated

- Round and square spigots available
- Duplex stainless steel 2205
- Polish, satin or matt black finish
- Base plate has multiple fixing points for easy installation & domical cover included
- Double friction assists glass panel alignment

Ultra range Anodised Aluminium

PATENTED DOUBLE FRICTION

Core drill & base plated

- Aluminium spigot with superb anodised finish
- Satin finish
- Anodising avoids issues such as tea-staining present with stainless steel
- Double friction assists glass panel alignment

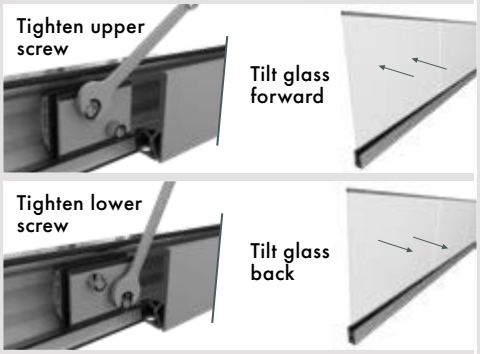
Rio range SS2205

Core drill & base plated

- Duplex stainless steel 2205
- Polish or satin finish
- Recessed friction plate for ease of installation
- Single friction

Versa-tilt Anodised Aluminium

Deck mount or face mount



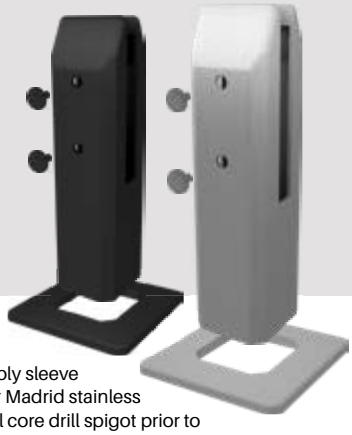
- Clear anodised internal aluminium channel to guard against corrosion
- Brushed satin or mill finish aluminium fixing covers
- Tilt adjustable glazing channel
- Pre-machined fixing holes in channel
- Deck/inground or face mount options

PATENTED PRODUCT

NEW!

Spigot insulator

Core drill



- Simply sleeve over Madrid stainless steel core drill spigot prior to install or can be retrofitted after spigot install
- Made from ASA thermoplastic – excellent weather and chemical resistance and high impact strength
- Non-conductive material effectively insulates stainless steel spigots
- Black or silver finish

Pool fencing compliant

Matching accessories

Friction fits to 12mm glass

Trade quality products

MADRID RANGE SS2205

Stainless steel 2205 is a superior duplex stainless steel which features elevated levels of chemical components enabling superior strength and corrosion resistance in harsh marine environments. The Madrid range has been designed with superior strength and a slimline profile.

Core drill spigot

FRICTION FIT

Polish, satin or matt black finish

Order Code: **MAD-S-P (Polish)**
MAD-S-S (Satin)
MAD-S-B (Black)

- Duplex stainless steel 2205 - designed for superior strength
- Square shape with minimal visible fixings
- Modern 45mm front profile
- M10 bolt at bottom enables up to 60mm of vertical height adjustment, a contact point for earthing, and extra anchoring in footings (helpful when working with sand)
- Recessed single friction plate for neat finish & easy installation
- Tapered packer included (1mm to 1.5mm) to enable tilt adjustment of glass

Optional extras

Flat dress ring

100mm x 100mm outer

Polish, satin or matt black finish

Order Code: **MAD-DR-P**
MAD-DR-S
MAD-DR-B

Raised dress ring

100mm x 100mm outer

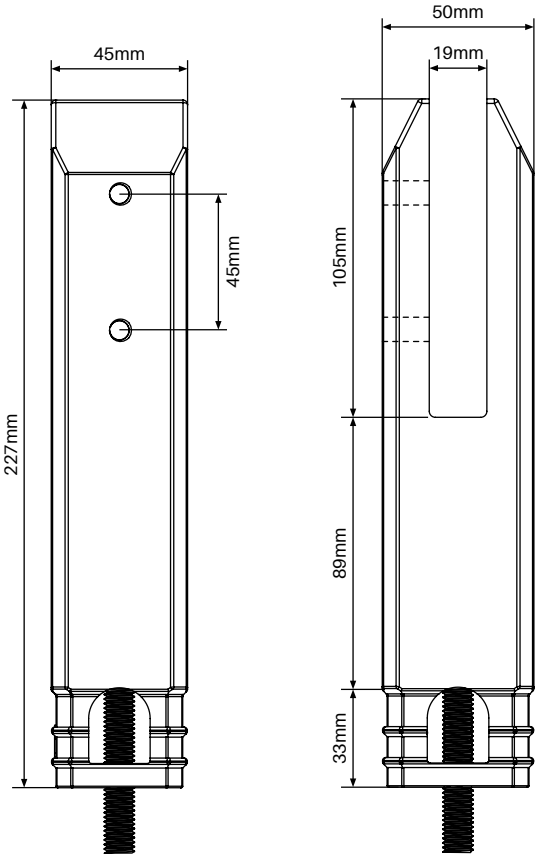
Polish, satin or matt black finish

Order Code: **MAD-DR-RAISED-P**
MAD-DR-RAISED-S
MAD-DR-RAISED-B

Highest quality finish

The Madrid matt black spigots use genuine Akzo Nobel textured powder to provide the highly sought after matt black finish.

To ensure proper adhesion of powder to stainless steel, a special pre-treatment is undertaken whereby a thin, zirconium based conversion layer is applied to the stainless steel substrate. This special coating provides robust corrosion protection and enhanced paint adhesion.



NOTE: DRAWINGS ARE NOT TO SCALE

MADRID RANGE SS2205

The friction plate in the Madrid Range has been specially designed to provide maximum clamping action on the toughened glass. A stainless steel plate is moulded into the friction plate which is the entire width & height of the spigot mouth. This ensures maximum distributed clamping action.

Base plated spigot

FRICTION FIT

Polish, satin or matt black finish

Order Code: **MAD-SBP-P (Polish)**
MAD-SBP-S (Satin)
MAD-SBP-B (Black)

- Duplex stainless steel 2205
- Contemporary tapered top to comply with 'no toe hold' requirements
- Base plate has 4x countersunk holes to enable flush fixing. Countersunk timber screw available (hex head drive)
- Modern square shape with minimal visible fixings
- Recessed single friction plate for neat finish & easy installation
- Tapered packer included (1mm to 1.5mm) to enable tilt adjustment of glass
- Structure of spigot maximises strength

Optional extras

Slimline domical cover

12mm high

Polish, satin or matt black finish

Order Code: **MAD-SDC-P**
MAD-SDC-S
MAD-SDC-B

Consider when using dynabolts or high fixings & fasteners

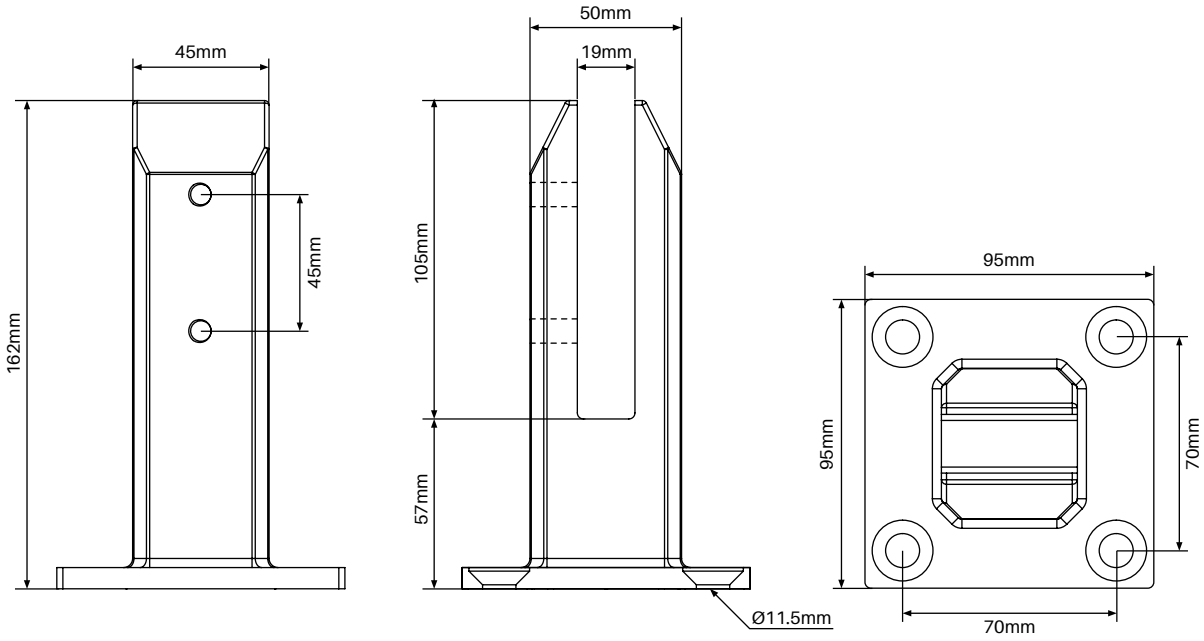
High domical cover

22mm high

Polish, satin or matt black finish

Order Code: **MAD-HDC-P**
MAD-HDC-S
MAD-HDC-B

See page 36 for convenient timber & concrete fixing kits for base plated installs



NOTE: DRAWINGS ARE NOT TO SCALE

MADRID POOL SS2205

Designed specifically for pool fencing load requirements, the Madrid pool spigot range is the ultimate in quality at an unbelievable price point.

Madrid pool spigot

FRICTION FIT

Polish or satin finish

Order Code:

Core drill: POOLMAD-S-P (Polish)
POOLMAD-S-S (Satin)

Base plated: POOLMAD-SBP-P (Polish)
POOLMAD-SBP-S (Satin)

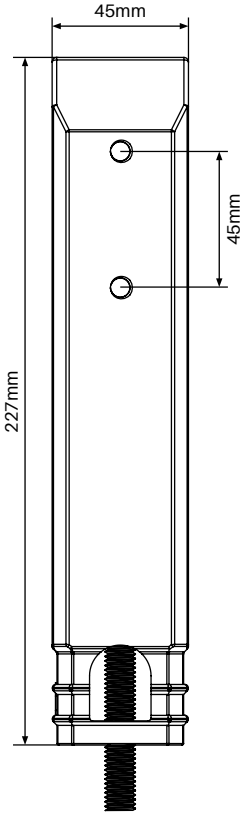
- Duplex stainless steel 2205
- Contemporary tapered top to comply with 'no toe hold' requirements
- Base plate has 4x countersunk holes to enable flush fixing
- Use with standard madrid dress rings and domical cover
- 45mm front profile
- Earthing terminal included
- Recessed friction plate provides a neat finish and easy installation
- M10 bolt at bottom of core drill spigot allows for height adjustment and adds extra anchoring strength
- Designed for pool fencing load requirements while keeping price point in mind

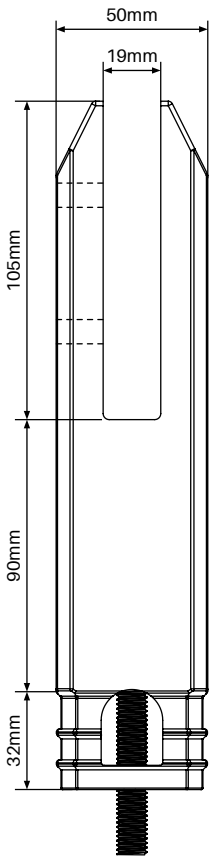
Amazing price point!

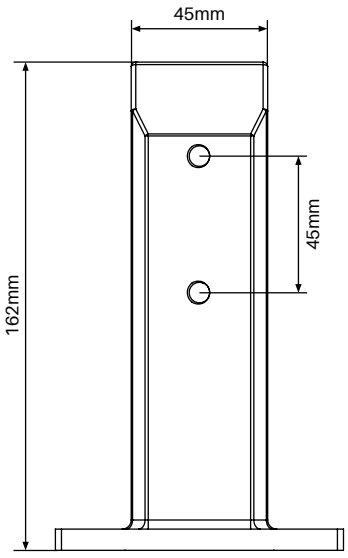
Notched base plate for centre line alignment

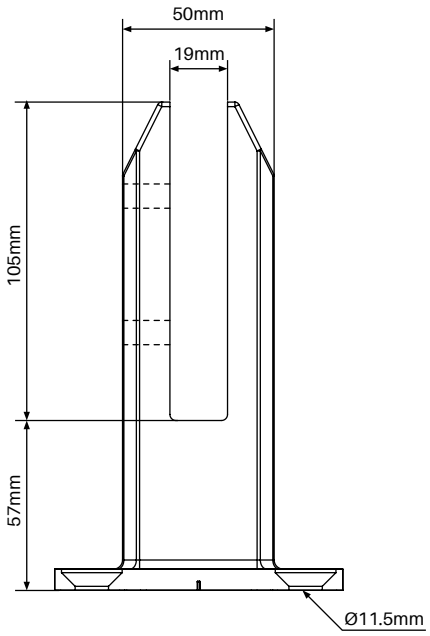
Handy earthing terminal on core drill & base plated spigots

See page 14-15 for dress ring and domical cover options









NOTE: DRAWINGS ARE NOT TO SCALE

MADRID POOL EXTENDED SS2205

The Extended Pool Madrid spigot is ideal where extra depth is required for core drilling – for example, core drilling through pavers to concrete below.

extended body

Madrid pool spigot

FRICTION FIT

Polish, satin or matt black finish

Order Code: **POOLMAD-EXT-S-P (Polish)**
POOLMAD-EXT-S-S (Satin)
POOLMAD-EXT-S-B (Black)

- Duplex stainless steel 2205
- Use with standard madrid dress rings
- 45mm front profile
- Earthing terminal included
- Recessed friction plate provides a neat finish and easy installation
- 285mm long plus M10 height adjustment bolt
- Ideal where deeper core drilling is required
- Designed for pool fencing load requirements while keeping price point in mind

Optional extras

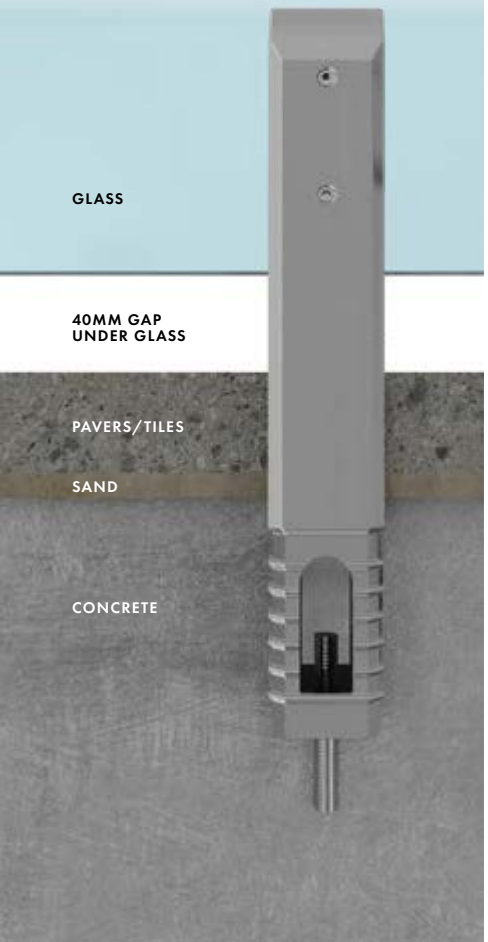
Flat dress ring

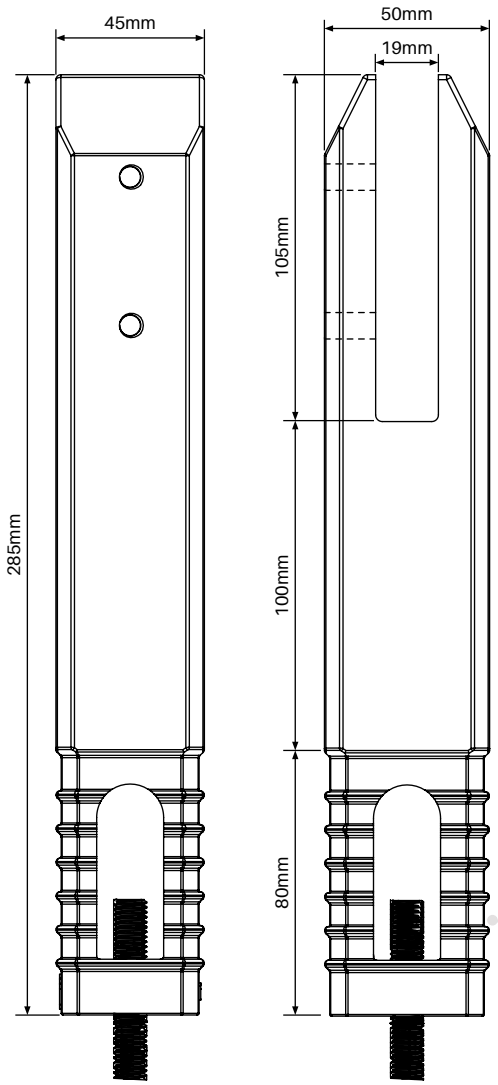
100mm x 100mm
Polish, satin or matt black finish
Order Code:
MAD-DR-P
MAD-DR-S
MAD-DR-B

Raised dress ring

100mm x 100mm
Polish, satin or matt black finish
Order Code:
MAD-DR-RAISED-P
MAD-DR-RAISED-S
MAD-DR-RAISED-B

Installation example





Trade tip

With an overall height of 285mm plus an added height adjustment bolt, the extended pool madrid range is ideal where extra depth is required for core drilling

NOTE: DRAWINGS ARE NOT TO SCALE

MADRID FACE MOUNT SS2205

Innovative solution for face mounting of glass with no visible fixings. This spigot is ideal for out of ground pools which have a narrow top perimeter. Made from superior Duplex 2205 stainless steel ensuring strength and high corrosion resistance.

Face mount spigot

FRICTION FIT

Polish, satin or matt black finish

Order Code: **MAD-FACEM-P (Polish)**
MAD-FACEM-S (Satin)
MAD-FACEM-B (Black)

- Duplex stainless steel 2205
- Slimline 45mm front profile
- Face mount installation - no need for core drill or base plated spigots
- 2x M12 fixing nuts included (M12 lag screw or threaded rod sold separately)
- Slotted fixing hole allows for easy positioning of fixings
- Cover plate hides fixings for neat finish
- Earthing terminal included
- Height adjustment packers and stand offs available - ideal where tile coping protrudes past slab edge
- Friction screws for clamping plate situated on inside of balcony/pool for easy install

See page 22 for our complete range of M12 fixings

Optional extras

Stackable packer

3mm thick

Polish, satin or matt black finish

Order Code:
MAD-FACEM-3PKR-P
MAD-FACEM-3PKR-S
MAD-FACEM-3PKR-B

Easily overcome height variances

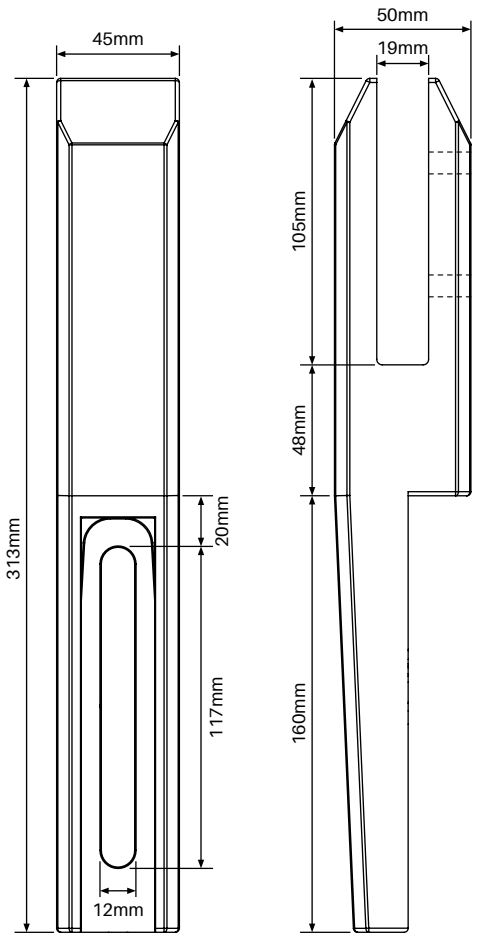
Ø38mm standoff

10mm thick

Polish, satin or matt black finish

Order Code:
MAD-FACEM-SO10-P
MAD-FACEM-SO10-S
MAD-FACEM-SO10-B

Ideal for use when tile coping is present. Allows for positioning spigot away from edge



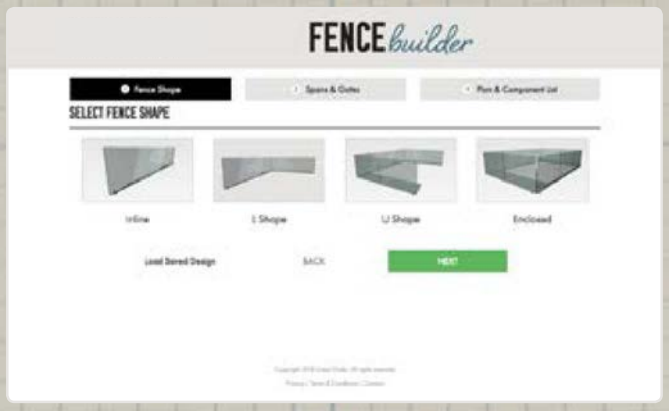
NOTE: DRAWINGS ARE NOT TO SCALE

FENCE builder

12mm thick frameless glass pool fencing calculator

Plan and build your glass pool fence online!

EASY TO USE POOL FENCE CALCULATOR FOR 12MM FRAMELESS GLASS POOL FENCES



Step 1

Choose your fence configuration

Step 2

Enter your fence specifications

Step 3

Review your fence plan and component list and email to yourself

Try it out today!

Visit our website and look for the **fencebuilder button** to start building your fence - or copy the links below into your web browser

www.my.fencebuilder.com.au

MADRID TILT SS2205

NEW!

Madrid tilt spigot

FRICTION FIT

Polish, satin or matt black finish

Order Code: **MAD-TILT-S-P (Polish)**
MAD-TILT-S-S (Satin)
MAD-TILT-S-B (Black)

- Duplex stainless steel 2205
- Face mount spigot – fix to vertical surface of concrete, timber/steel beams or bearers
- 2 part spigot for easy install: (1) rear plate fixed to vertical surface (2) spigot attaches to rear plate with 2 x M8 counter sunk screws
- Tilt adjustable – innovative design allows for tilt adjustment by simply turning top and bottom M8 grub screws
- Glass alignment adjustability is a huge installation advantage
- Timber/beam fixing – 2 x fixing points in the rear plate for increased strength
- Concrete fixing - ideal for narrow slabs with 1 x sturdy M18 fixing
- Neat finish - slide in cover plate hides exposed screws on spigot front
- Earthing terminal included
- 3mm stackable horseshoe packers sold separately that can inserted behind rear plate to overcome uneven vertical surfaces

Stackable packer

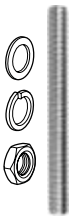
BLACK HDPE

3mm thick

Order Code:
MAD-TILT-PKR

Fits between wall/beam and rear plate to overcome uneven surfaces. Horseshoe shape design allows easy installation

Optional extras



M18 fixing kit

SS304

1x M18x120mm threaded rod, 1x flat washer, 1x spring washer & 1x nut

Order Code:
MAD-TILT-M18KIT

Commonly used for concrete installations - single fixing ideal for narrow slabs

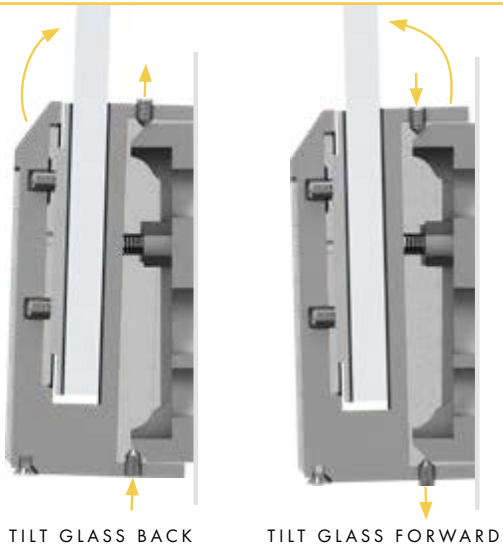
M12 fixing kit

SS304

2x M12x93mm lag screws, 2x flat washers, 2x spring washers & 2x nuts

Order Code:
MAD-TILT-M12KIT

Commonly used for timber/beam fixing (M12 threaded rod may also be used with rear lock nuts as an alternative to lag screw timber/beam fixing - M12 threaded rod and rear fixing nut not included in MAD-TILT-M12KIT)



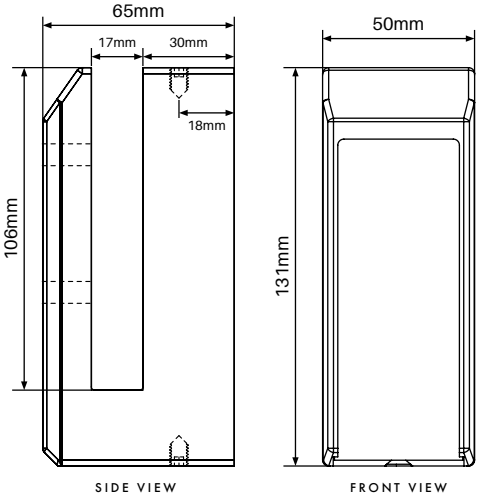
TILT GLASS BACK TILT GLASS FORWARD

EASY TILT ADJUSTMENT

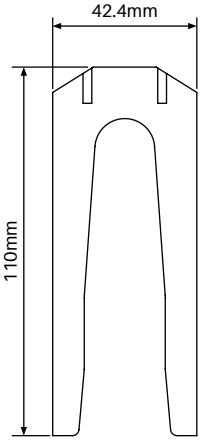
Innovative design - M8 pointed grub screw in top and bottom of spigot pushes onto 45 angle of rear plate allowing front spigot to tilt forward or back.

TILT GLASS BACK	TILT GLASS FORWARD
Unwind top M8 grub screw slightly and tighten bottom M8 grub screw to tilt glass back	Tighten top M8 grub screw and unwind bottom M8 grub screw slightly to tilt glass forward

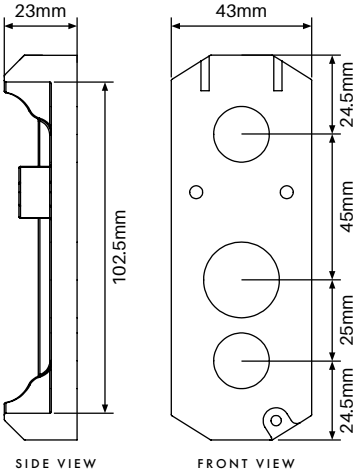
SPIGOT



PACKER



REAR PLATE



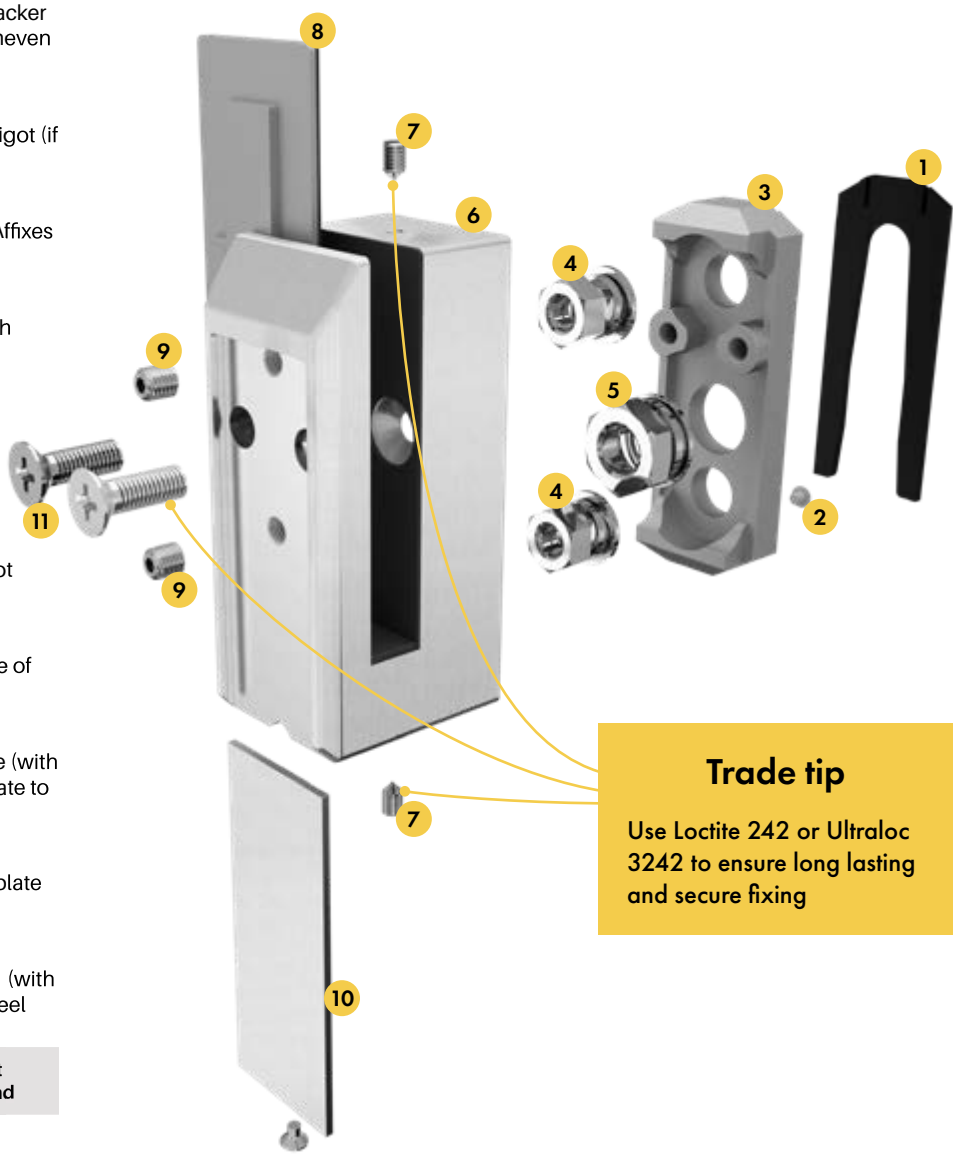
NOTE: DRAWINGS ARE NOT TO SCALE

MADRID TILT SS2205

1. 110mmH x 42.4mm W x 3mm Thick HDPE packer // Fit between wall/beam and back plate if uneven vertical surface. Stackable packer
2. M4 screw SS316 // Crimp earthing wire to spigot (if required) through dedicated earth wire hole
3. 102.5mmH x 43mm W SS2205 rear plate // Affixes to vertical surface
4. M12 nut & washers SS304 (also supplied with 93mm long lag screws x 2 in kit) // Generally used for timber beam/joist installations
5. M18 nut & washers SS304 (also supplied with 120mm long M18 rod in kit) // Generally used for concrete installations
6. 131mmH x 50mmW x 65mmD SS2205 spigot front // Attaches to rear plate
7. M8 pointed grub screw SS316 // Adjust angle of front spigot and lock off position
8. 102.5mmH x 47.5mmW SS2205 friction plate (with 1mm HDPE preglued packer) // Clamping plate to hold 12mm toughened glass in position
9. M8 grub screw SS316 // Tightens clamping plate against toughened glass
10. 108mmH x 42mmW x 1.5mm D SS316 plate (with countersunk M4 screw)// Slide in stainless steel plate to hide fixings once installed

Install note: To ensure plate can slide in, spigot must have 70mm or more gap from floor/ground

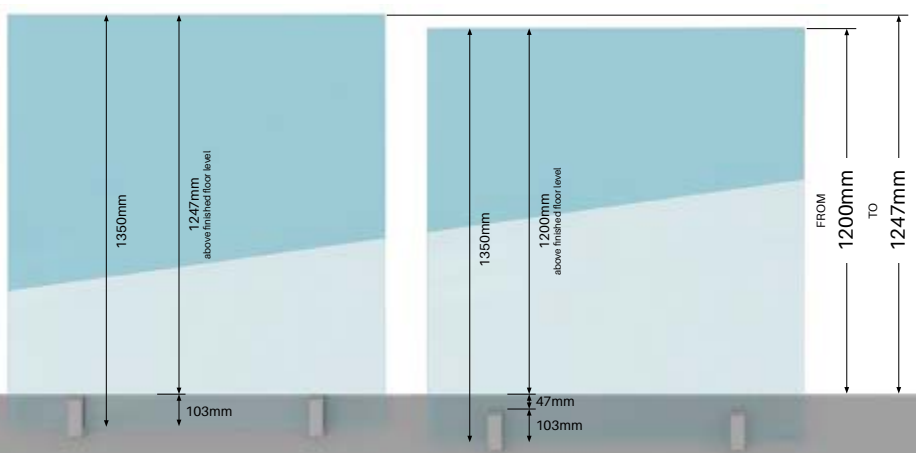
11. M8 x 25mm countersunk screws SS316 x 2 // Attaches spigot front to rear plate



Trade tip

Use Loctite 242 or Ultraloc 3242 to ensure long lasting and secure fixing

MADRID TILT INSTALL TIPS



Top of Madrid Tilt spigot in line with finished floor level

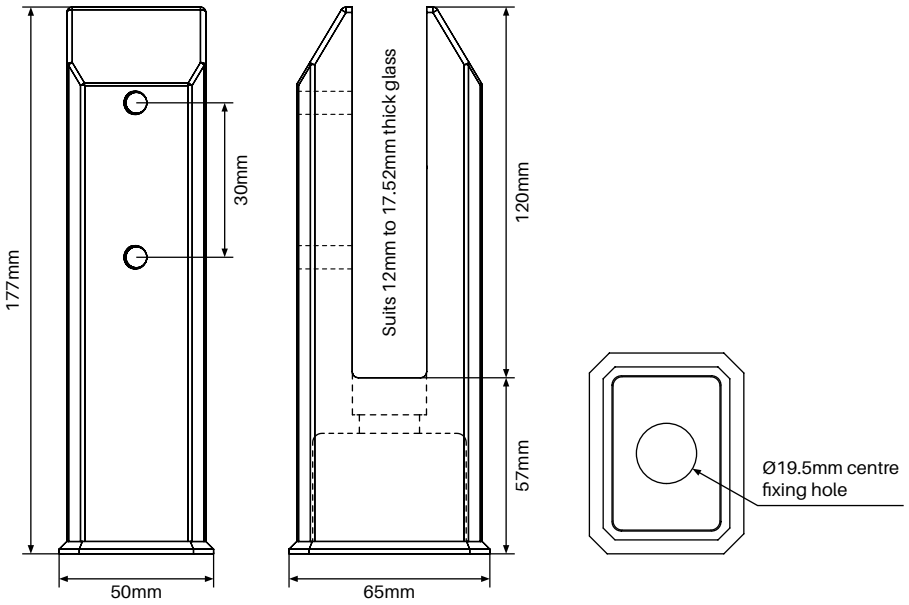
Top of Madrid Tilt spigot 47mm below finished floor level

USING 1350MM HIGH CLEAR TOUGHENED POOL FENCING PANELS

See pages 58-59 for our range of 1350mm high pool fencing panels

47mm vertical adjustability
by moving install position of Madrid Tilt spigot

MADRID DELUXE TOP FIX SS2205

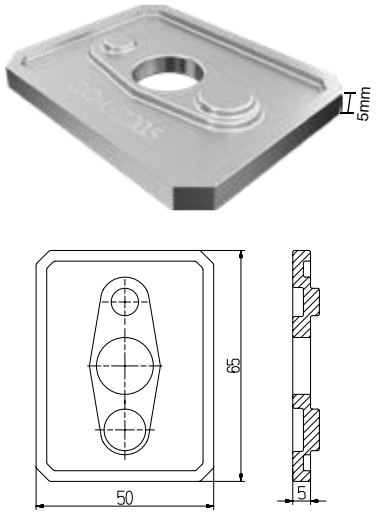


Madrid Deluxe top fix clamp

Polish or satin finish

Order Code: **MADDEL-TF-P (Polish)**
MADDEL-TF-S (Satin)

- Top fix spigot installed with single central M12 fixing and specially machined nut
- Single central fixing ideal for narrow/PFC beams and slab installations
- No large core holes, dress rings or domical covers required
- Stainless Steel 2205 spigot in polish or satin finish
- 45mm front slimline profile x 65mm depth
- Suits 12mm up to 17.52mm glass
- Friction fit glass installation with recessed friction packer – no holes in glass required
- 120mm depth spigot mouth provides extra clamping strength and rigidity
- Internal packers included for glass panel alignment and tilt adjustment
- 5mm thick SS2205 height adjustment packer for uneven surfaces available in polish and satin finish (sold separately)



5mm height adjustment packer

Order Code: **MADDEL-TFPKR-P**
MADDEL-TFPKR-S

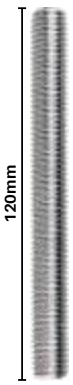
- SS2205 in polish or satin finish
- Sits under top fix spigot. Packers can be stacked on top of each other

115mm lag screw

M12 thread - SS304
Order Code:
GS115LAG

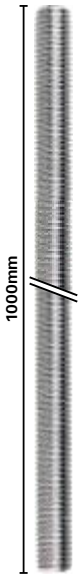
160mm lag screw

M12 thread - SS304
Order Code:
GS160LAG



120mm threaded rod

M12 thread - SS304
Order Code:
GS120ROD



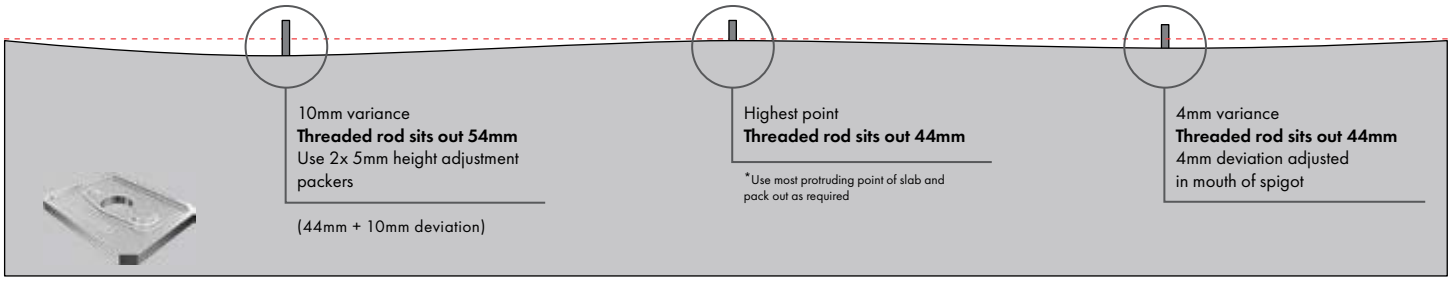
1000mm threaded rod

M12 thread - SS304
Order Code:
GS1000ROD

NOTE: DRAWINGS ARE NOT TO SCALE

MADRID TOP FIX CONCRETE INSTALL GUIDE

NOTE: Attach a stringline to the surface from where the first spigot is being installed to where the last spigot is being installed and note any variance in floor level. Refer to below example for further information.

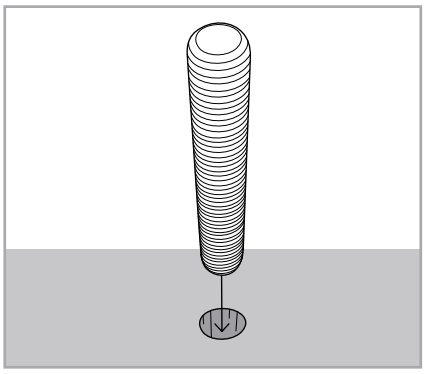


HEIGHT ADJUSTMENT GUIDE

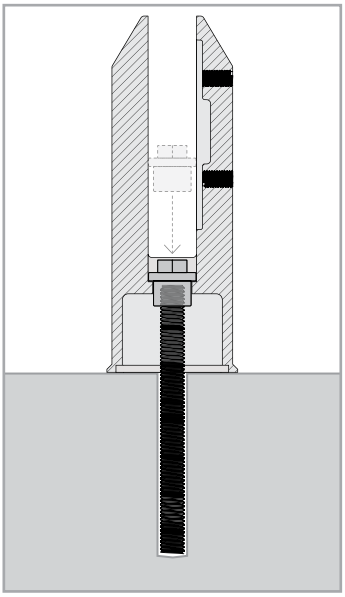
For larger floor variances, continue same methodology

Floor variance	Adjustment required
1mm - 5mm	Adjust glass with packers in mouth of spigot *5mm height adjustment of glass is possible in mouth of spigot*
5.1mm - 10mm	Use 1x 5mm stainless packer and adjust glass with packers in mouth of spigot
10.1mm - 15mm	Use 2x 5mm stainless packer and adjust glass with packers in mouth of spigot
15.1mm - 20mm	Use 3x 5mm stainless packer and adjust glass with packers in mouth of spigot
20.1mm - 25mm	Use 4x 5mm stainless packer and adjust glass with packers in mouth of spigot

1 Drill 1x 14mm hole in concrete slab where spigot will be installed.
Insert M12 threaded rod into the hole and ensure rod is protruding from the slab 44mm (or as required subject to diagram above).
Chemically anchor rods into place.



2 Place Madrid Top Fix Spigot down onto M12 fixing.
Position machined nut into centrally located cavity in the spigot and tighten nut securely onto thread (It is always recommended to use Loctite on fixing threads).
Ensure spigot is firmly and securely fastened down.



Trade tip!

Tilt adjustment and side to side adjustment packers are included with each spigot to assist in installation

Important!

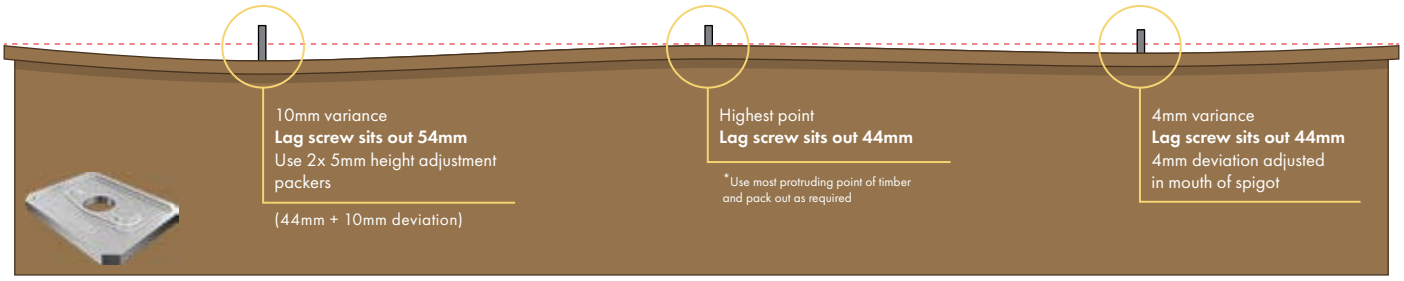
Fixing nut suits 8mm hex drive or 14mm socket

*Please consult your engineer relating to questions of concrete suitability for installations as hardness of concrete may vary. For chemical anchor, refer to the manufacturer's specification of minimum embedment of anchor and hole diameter as specifications may differ between manufacturers. We are unable to give technical advice regarding substrates.

NOTE: DRAWINGS ARE NOT TO SCALE

MADRID TOP FIX TIMBER INSTALL GUIDE

NOTE: Attach a stringline to the surface from where the first spigot is being installed to where the last spigot is being installed and note any variance in floor level. Refer to below example for further information.

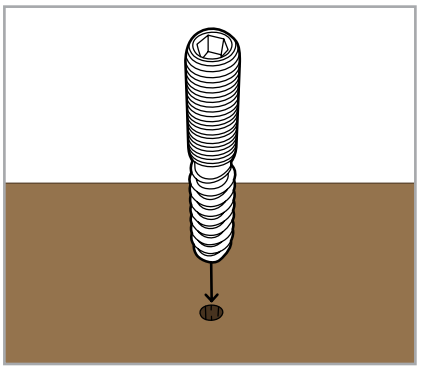


HEIGHT ADJUSTMENT GUIDE

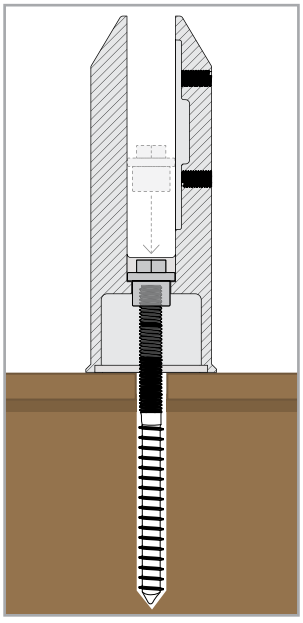
For larger floor variances, continue same methodology

Floor variance	Adjustment required
1mm - 5mm	Adjust glass with packers in mouth of spigot *5mm height adjustment of glass is possible in mouth of spigot*
5.1mm - 10mm	Use 1x 5mm stainless packer and adjust glass with packers in mouth of spigot
10.1mm - 15mm	Use 2x 5mm stainless packer and adjust glass with packers in mouth of spigot
15.1mm - 20mm	Use 3x 5mm stainless packer and adjust glass with packers in mouth of spigot
20.1mm - 25mm	Use 4x 5mm stainless packer and adjust glass with packers in mouth of spigot

1 Pre-drill 1x pilot hole into timber where spigot will be installed.
Drive M12 lag screw into pilot hole and ensure thread is protruding 44mm from timber (or as required subject to diagram above).



2 Place Madrid Top Fix Spigot down onto M12 fixing.
Position machined nut into centrally located cavity in the spigot and tighten nut securely onto thread (It is always recommended to use Loctite on fixing nut thread)
Ensure spigot is firmly and securely fastened down.



Trade tip!

Tilt adjustment and side to side adjustment packers are included with each spigot to assist in installation

Important!

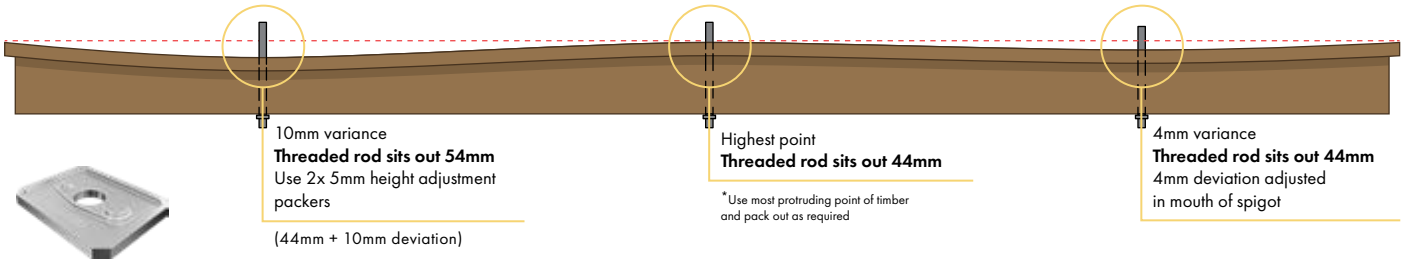
Fixing nut suits 8mm hex drive or 14mm socket

*Please consult your engineer regarding suitability and structural integrity of timber, steel or other beam/substrate. Timber hardness and strength varies and as each installation situation is different we are unable to provide technical advice regarding suitability of substrate.

NOTE: DRAWINGS ARE NOT TO SCALE

MADRID TOP FIX JOIST/BEAM INSTALL GUIDE

NOTE: Attach a stringline to the surface from where the first spigot is being installed to where the last spigot is being installed and note any variance in floor level. Refer to below example for further information.

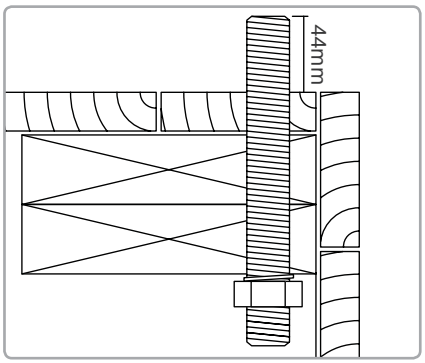


HEIGHT ADJUSTMENT GUIDE

For larger floor variances, continue same methodology

Floor variance	Adjustment required
1mm - 5mm	Adjust glass with packers in mouth of spigot *5mm height adjustment of glass is possible in mouth of spigot*
5.1mm - 10mm	Use 1x 5mm stainless packer and adjust glass with packers in mouth of spigot
10.1mm - 15mm	Use 2x 5mm stainless packer and adjust glass with packers in mouth of spigot
15.1mm - 20mm	Use 3x 5mm stainless packer and adjust glass with packers in mouth of spigot
20.1mm - 25mm	Use 4x 5mm stainless packer and adjust glass with packers in mouth of spigot

1 Pre-drill 1x 12.5mm or 13mm hole through joist/beam.
Insert threaded rods and leave 44mm of thread protruding from top of joist/beam (or as required subject to diagram above).
Ensure enough thread is left protruding from underneath the joist/beam for an M12 nut with spring washer to be affixed (purchase from nut & bolt shop).



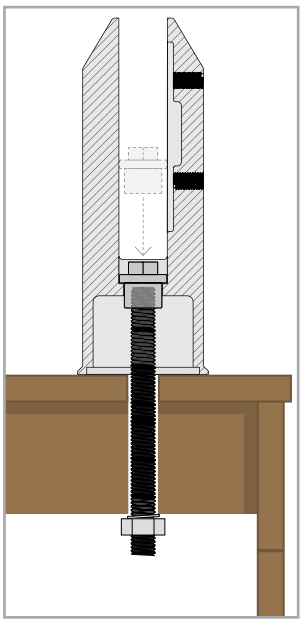
2 Place Madrid Top Fix Spigot down onto M12 fixing.
Position machined nut into centrally located cavity in the spigot and tighten nut securely onto thread (It is always recommended to use Loctite on fixing nut thread)
Ensure spigot is firmly and securely fastened down.

Trade tip!

Tilt adjustment and side to side adjustment packers are included with each spigot to assist in installation

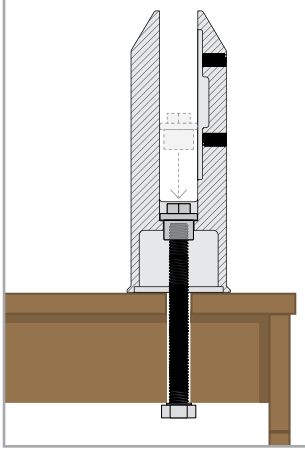
Important!

Fixing nut suits 8mm hex drive or 14mm socket



Alternative install method

Contact us for full install guide



*Please consult your engineer regarding suitability and structural integrity of timber, steel or other beam/substrate. Timber hardness and strength varies and as each installation situation is different we are unable to provide technical advice regarding suitability of substrate.

NOTE: DRAWINGS ARE NOT TO SCALE

LIFESTYLE SQUARE RANGE SS2205

Made from superior strength duplex 2205 grade stainless steel, the Lifestyle square range provides the perfect mix of quality and strength. Innovatively designed recessed friction plates and patented double friction technology enables easy installation.

Core drill pool spigot

DOUBLE FRICTION

Polish, satin or matt black finish

Order Code: **LS-DF-S-P (Polish)**
LS-DF-S-S (Satin)
LS-DF-S-B (Black)

- Duplex stainless steel 2205
- Square shape with minimal visible fixings
- 45mm front profile
- Patented double friction technology allows for easy tilt adjustment and alignment of frameless glass panels
- Bottom M10 bolt provides up to 60mm of vertical height adjustment and extra anchoring in footings
- Recessed friction plates provide a neat finish and easy installation
- Structure of spigot maximises strength

Includes terminal for quick and easy earthing if required

Optional extras

Flat dress ring

100mm x 100mm outer

Polish, satin or matt black finish

Order Code: **LS-DR-P**
LS-DR-S
LS-DR-B

Raised dress ring

100mm x 100mm outer

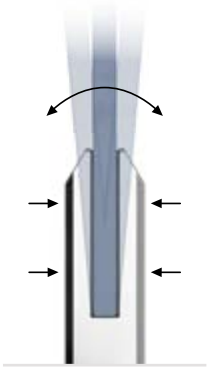
Polish, satin or matt black finish

Order Code: **LS-DR-RAISED-P**
LS-DR-RAISED-S
LS-DR-RAISED-B

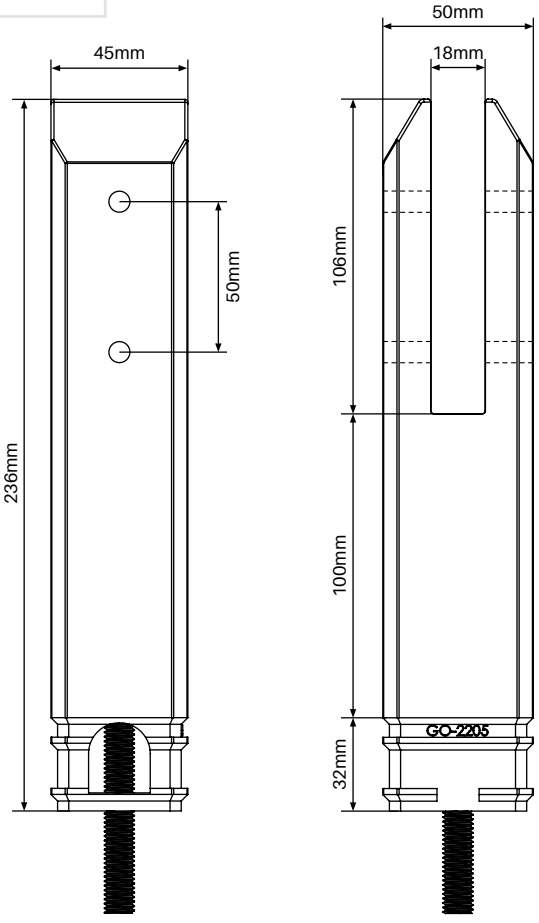
PATENTED

double friction

TECHNOLOGY



Adjust tilt and sideways alignment of glass easily



NOTE: DRAWINGS ARE NOT TO SCALE

LIFESTYLE SQUARE RANGE SS2205

Double friction technology really shines in our base plated spigots. In many instances, finished floors are not level which can cause issues for frameless glass installations. Double Friction spigots allow easy alignment of glass and importantly, easy adjustment in the future – commonly required for base plated installations on timber decks.

Base plated pool spigot

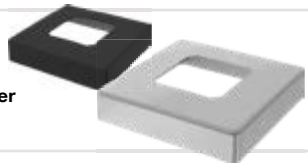
DOUBLE FRICTION

Includes domical cover

Polish, satin or matt black finish

Order Code: **LS-DF-SBP-P (Polish)**
LS-DF-SBP-S (Satin)
LS-DF-SBP-B (Black)

- Duplex stainless steel 2205
- Slimline 45mm front profile
- Recessed double friction plates enable fast install plus tilt and sideways adjust of frameless glass
- Double friction technology saves installation time and allows ease of adjustability
- Multiple fixing points in base plate allow ease of install



Includes a 22mm high domical cover in the box

Optional extras

12mm high domical cover

Consider if using countersunk fixings

Slimline domical cover

100mm x 100mm

Polish, satin or matt black finish

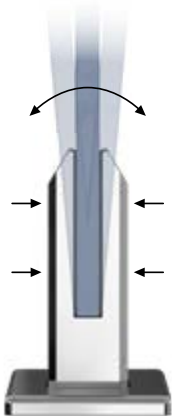
Order Code: **MAD-SDC-P**
MAD-SDC-S
MAD-SDC-B

See page 36 for convenient timber & concrete fixing kits for base plated installs

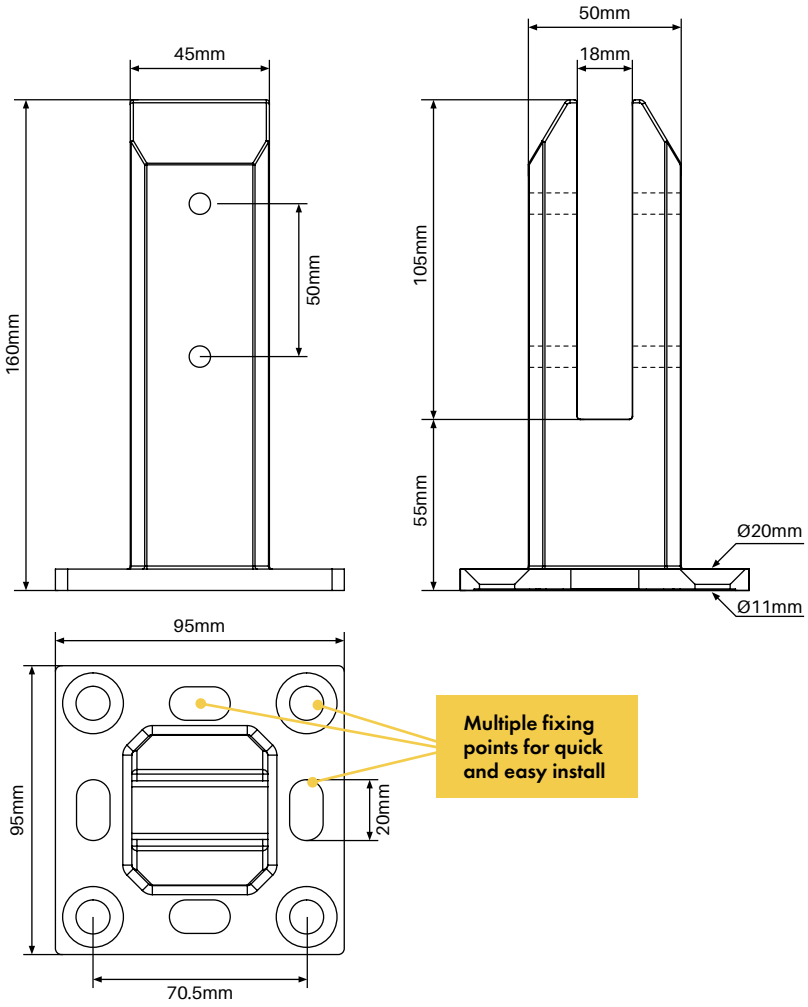
PATENTED

double friction

TECHNOLOGY



Adjust tilt and sideways alignment of glass easily



NOTE: DRAWINGS ARE NOT TO SCALE

LIFESTYLE ROUND RANGE SS2205

The Lifestyle round spigot offers the classic 50mm round profile and is complemented with the modern twist of patented double friction technology and duplex stainless steel 2205 providing a timeless spigot with innovative easy installation features.

Core drill pool spigot

DOUBLE FRICTION

Polish or satin finish

Order Code: **LR-DF-S-P (Polish)**
LR-DF-S-S (Satin)

- Duplex stainless steel 2205
- Stylish round shape
- Patented double friction technology allows for easy tilt adjustment and alignment of frameless glass panels
- Bottom M10 bolt provides up to 60mm of vertical height adjustment and extra anchoring in footings
- Recessed friction plates provide a neat finish and easy installation
- Structure of spigot maximises strength

Includes terminal for quick and easy earthing if required

Optional extras

Flat dress ring

Ø90mm outer

Polish or satin finish

Order Code: **LR-DR-P**
LR-DR-S

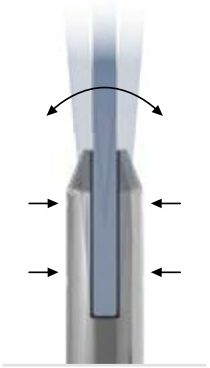
Domed dress ring

Ø102mm outer

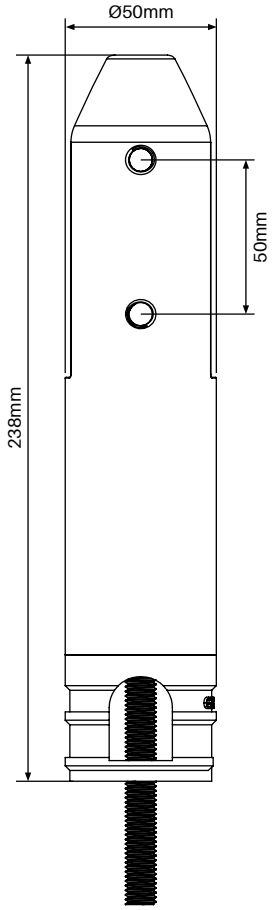
Polish or satin finish

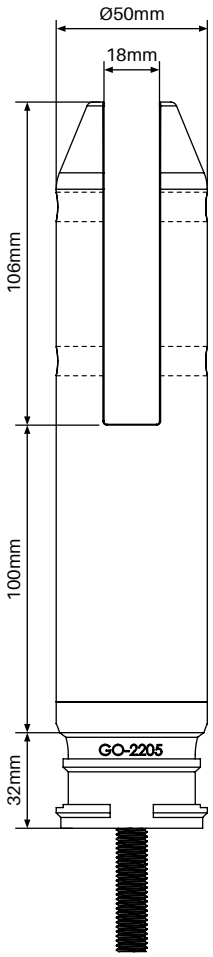
Order Code: **RIO-SDC-P**
RIO-SDC-S

PATENTED
double friction
TECHNOLOGY



Adjust tilt and sideways alignment of glass easily





NOTE: DRAWINGS ARE NOT TO SCALE

LIFESTYLE ROUND RANGE SS2205

Double friction technology really shines in our base plated spigots. In many instances, finished floors are not level which can cause issues for frameless glass installations. Double Friction spigots allow easy alignment of glass and importantly, easy adjustment in the future – commonly required for base plated installations on timber decks.

Base plated pool spigot

DOUBLE FRICTION

Includes domical cover

Polish or satin finish

Order Code: **LR-DF-SBP-P (Polish)**
LR-DF-SBP-S (Satin)

- Duplex stainless steel 2205
- 50mm diameter profile
- Recessed double friction plates enable fast install plus tilt and sideways adjust of frameless glass
- Double friction technology saves installation time due to ease of adjustability
- Multiple fixing points in base plate allow ease of install

Optional extras

12mm high domical cover

Consider if using countersunk fixings

Slimline domical cover

Ø102mm outer

Polish or satin finish

Order Code: **RIO-SDC-P**
RIO-SDC-S

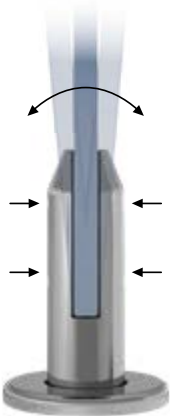
See page 36 for convenient timber & concrete fixing kits for base plated installs

Includes a 27mm high domical cover in the box

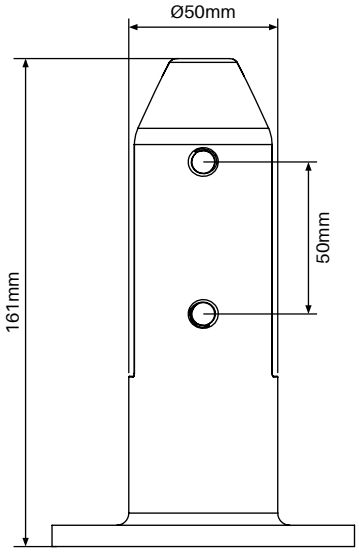
PATENTED

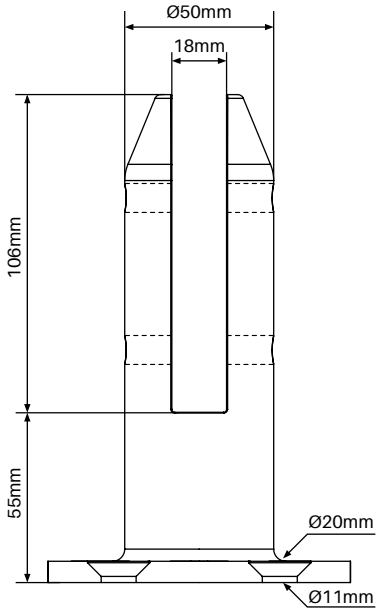
double friction

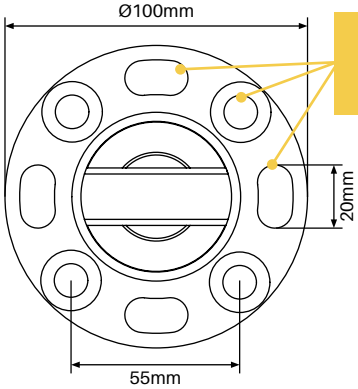
TECHNOLOGY



Adjust tilt and sideways alignment of glass easily







Multiple fixing points for quick and easy install

NOTE: DRAWINGS ARE NOT TO SCALE

ULTRA RANGE ANODISED ALUMINIUM

Anodising Aluminium results in a very hard surface finish that is long lasting and easy to maintain. Issues such as 'tea staining' are not applicable with an anodised finish.

Core drill spigot

DOUBLE FRICTION

Brushed satin finish

Order Code: **U-DF-S-S (Satin)**

- Alloy 6063-T6 Aluminium - superior anodised finish
- Solid extruded aluminium with machining
- Tapered top to comply with 'no toe hold' requirements
- Patented double friction technology allows for easy tilt adjustment and alignment of frameless glass panels
- M16 bolt at bottom enables up to 60mm of vertical height adjustment, a contact point for earthing, and extra anchoring in footings (helpful when working with sand)
- Tea staining issues are not applicable with an anodised finish

Optional extras

Flat dress ring

100mm x 100mm outer

Brushed satin finish

Order Code: **U-DR-S**

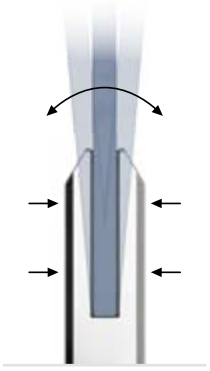
Did you know?

Anodising is an electrolytic passivation process used to increase the thickness of the natural oxide layer on the aluminium surface. The anodised aluminium layer is 'grown' by passing a direct current through an electrolytic solution, with the aluminium object serving as the anode (the positive electrode)

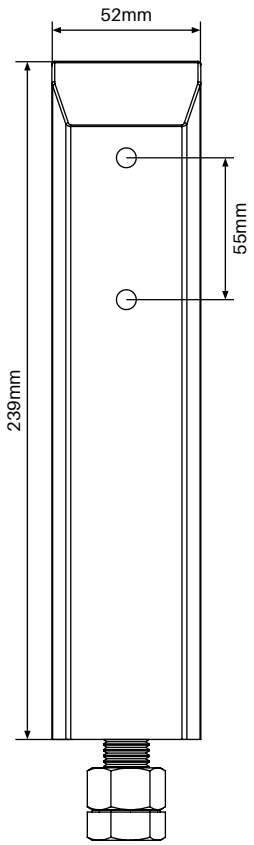
PATENTED

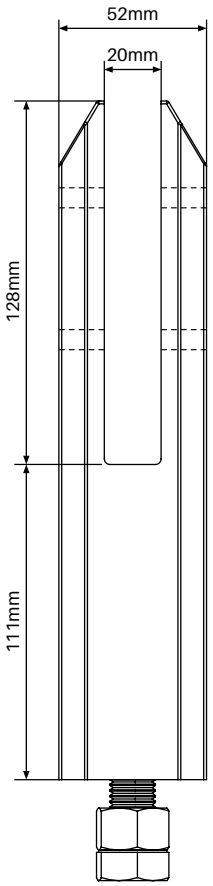
double friction

TECHNOLOGY



Adjust tilt and sideways alignment of glass easily





NOTE: DRAWINGS ARE NOT TO SCALE

ULTRA RANGE ANODISED ALUMINIUM

Anodising Aluminium results in a very hard surface finish that is long lasting and easy to maintain. Issues such as 'tea staining' are not applicable with an anodised finish.

Base plated spigot

DOUBLE FRICTION

Brushed satin finish

Order Code: **U-DF-SBP-S (Satin)**

- Alloy 6063-T6 Aluminium - superior anodised finish
- Tapered top to comply with 'no toe hold' requirements
- Base plate has 4x countersunk holes to enable flush fixing. Countersunk timber screws available (hex head drive) for affixing to timber
- Double friction technology saves installation time due to ease of adjustability
- Base plate is affixed to spigot with sturdy countersunk M18 stainless steel bolt

Optional extras

Domical cover

100mm x 100mm outer

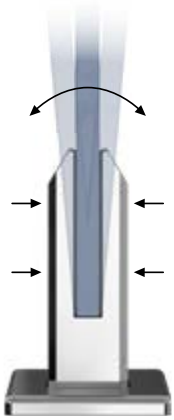
Brushed satin finish

Order Code: **U-DC-S**

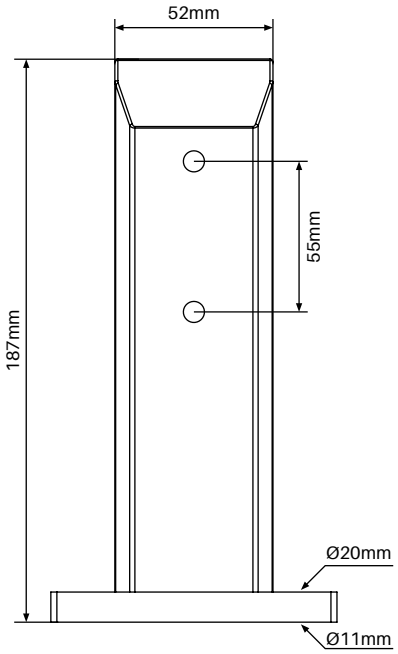
PATENTED

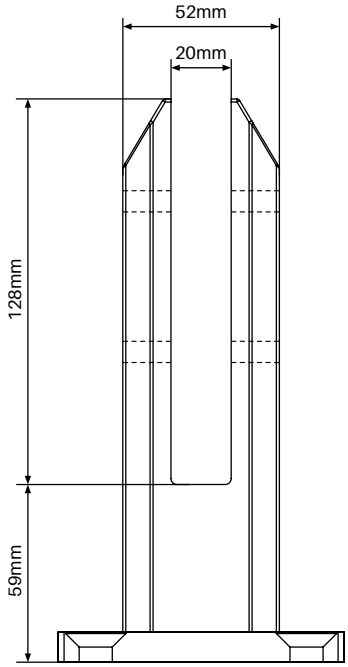
double friction

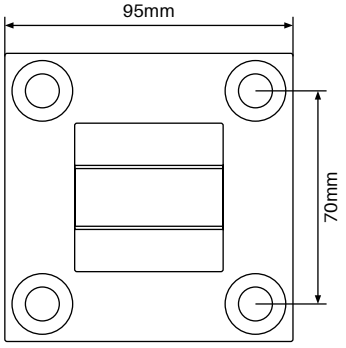
TECHNOLOGY



Adjust tilt and sideways alignment of glass easily







NOTE: DRAWINGS ARE NOT TO SCALE

RIO RANGE SS2205

Stainless steel 2205 is a superior duplex stainless steel which features elevated levels of chemical components enabling superior strength and corrosion resistance in harsh marine environments. The Rio range has been designed with superior strength and a classic round profile.

Core drill spigot

FRICTION FIT

Polish or satin finish

Order Code: **RIO-S-P (Polish)**
RIO-S-S (Satin)

- Duplex stainless steel 2205
- Stylish round shape designed for maximum strength
- M10 bolt at bottom enables up to 60mm of vertical height adjustment, a contact point for earthing, and extra anchoring in footings (helpful when working with sand)
- Recessed single friction plate for neat finish & easy installation
- Tapered packer included (1mm to 1.5mm) to enable tilt adjustment of glass

Optional extras

Flat dress ring

Ø90mm outer

Polish or satin finish

Order Code: **RIO-DR-P**
RIO-DR-S

Domed dress ring

Ø102mm outer

Polish or satin finish

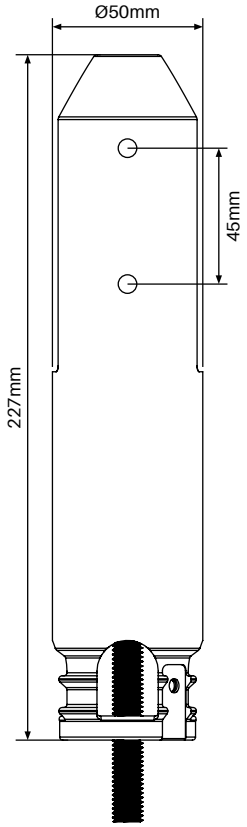
Order Code: **RIO-SDC-P**
RIO-SDC-S

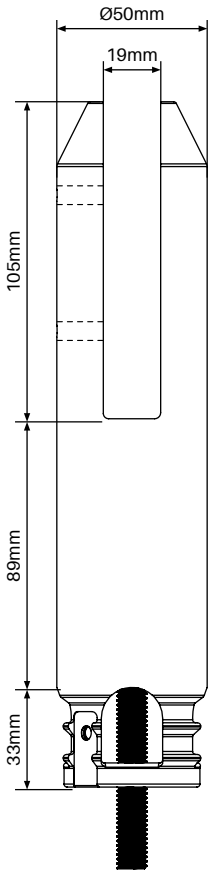
Did you know!

Stainless steel 2205 has far superior corrosion resistance properties and strength than SS316 grade.

This extra strength and corrosion resistance comes from the elevated levels of chromium, molybdenum and nitrogen.

It gets its name 'duplex stainless steel' as its microstructure is essentially half ferrite and half austenite.





NOTE: DRAWINGS ARE NOT TO SCALE

RIO RANGE SS2205

Stainless steel 2205 is a superior duplex stainless steel which features elevated levels of chemical components enabling superior strength and corrosion resistance in harsh marine environments. The Rio range has been designed with superior strength and a classic round profile.

Base plated spigot

FRICTION FIT

Polish or satin finish

Order Code: **RIO-SBP-P (Polish)**
RIO-SBP-S (Satin)

- Duplex stainless steel 2205
- Contemporary tapered top to comply with 'no toe hold' requirements
- Base plate has 4x countersunk holes to enable flush fixing. Countersunk timber screw available (hex head drive)
- Round shape with minimal visible fixings
- Recessed single friction plate for neat finish & easy installation
- Structure of spigot maximises strength
- Tapered packer included (1mm to 1.5mm) to enable tilt adjustment of glass

Optional extras

Slimline domical cover

Polish or satin finish

Order Code: **RIO-SDC-P**
RIO-SDC-S

High domical cover

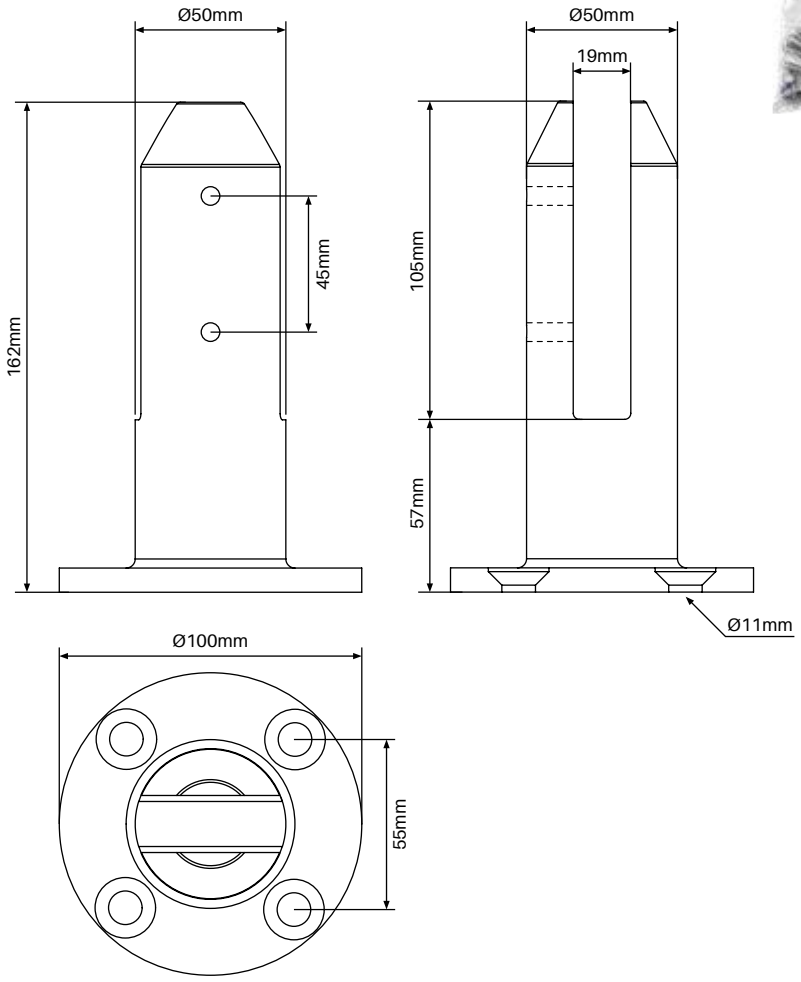
27mm high

Polish or satin finish

Order Code: **RIO-HDC-P**
RIO-HDC-S

Consider when using dynabolts or high fixings & fasteners

See page 36 for convenient timber & concrete fixing kits for base plated installs



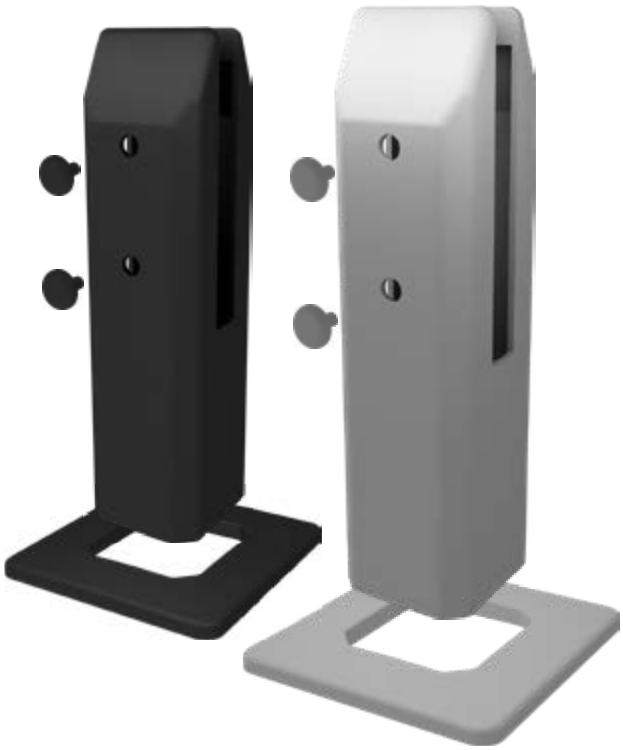
NOTE: DRAWINGS ARE NOT TO SCALE

SPIGOT INSULATOR

Earthing of spigots is an important consideration when installing pool fencing. Electrical safety laws and wiring rules contain provisions regarding earthing within 125cm of the pool water edge.

Earthing reduces the risk of an electrical shock should there be an electrical fault. The cost involved of earthing spigots is generally high.

Importantly, earthing contemplates conductive materials. We have designed and patented a spigot insulator which can be sleeved over a stainless steel Madrid core drill spigot whereby it is not possible to touch the metal spigot. In this way, the installed spigot is completely insulated and non-conductive to touch. Materials which are non-conductive do not require earthing.



Spigot insulator

Black or silver finish

Order Code: **MAD-INS-CD-B (Black)**
MAD-INS-CD-S (Silver)

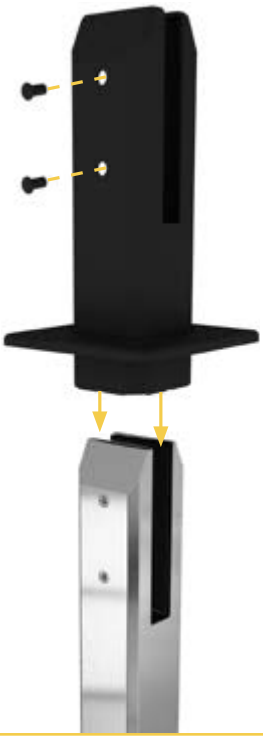
1x SPIGOT INSULATOR
1x DRESS RING
2x FRICTION SCREW COVERS

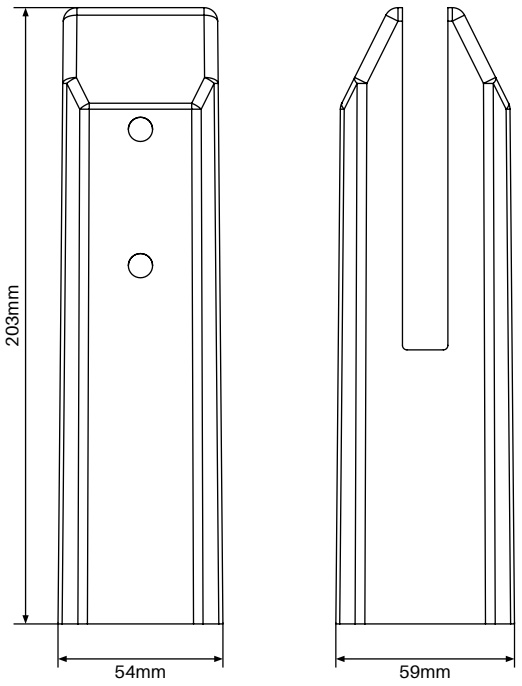
PATENTED PRODUCT
glass outlet exclusive

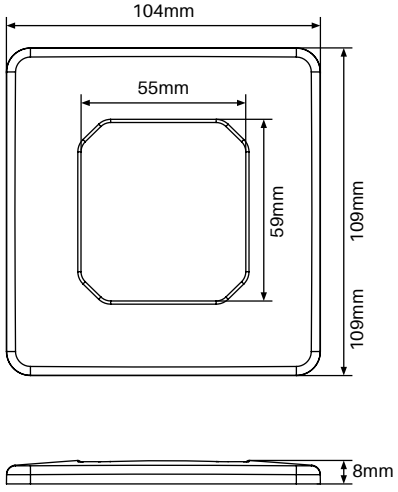
- Made from ASA thermoplastic – excellent weather & chemical resistance and high impact strength
- Non-conductive material
- Includes 1x dress ring
- Also includes 2x caps which fit into friction grub screw holes to reduce any chance of spigot insulator lifting
- Simply sleeve over Madrid stainless steel core drill spigot prior to install. Install glass with spigot as per normal
- Can be retro-fitted to existing core drill Madrid spigots – carefully cut off excess base of spigot insulator to suit required insulator height
- Suitable for use with Madrid core drill spigots (MAD-S or POOLMAD-S)
- Specially designed top section prevents chance of pulling insulating cover away from spigot
- Sold as single unit (Spigot insulator, dress ring & 2x caps)

SUITS MADRID RANGE OF CORE DRILL SPIGOTS:
MADRID, POOL MADRID & POOL MADRID EXTENDED

Simply sleeve over spigot prior to installation





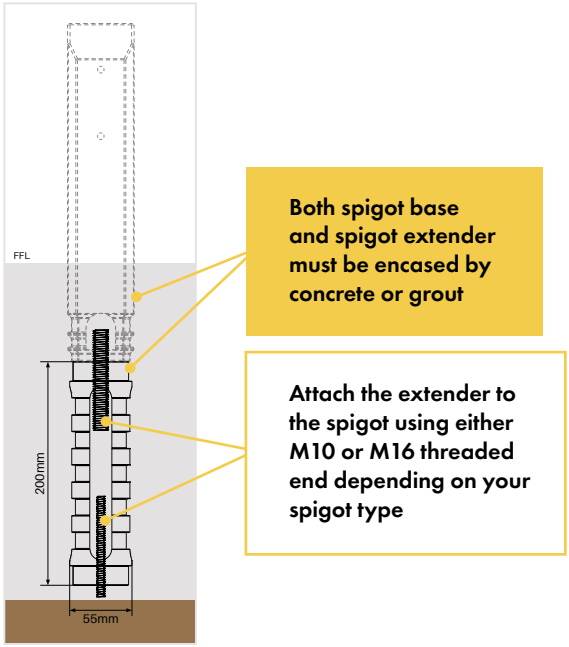


NOTE: DRAWINGS ARE NOT TO SCALE

SPIGOT OPTIONAL EXTRAS

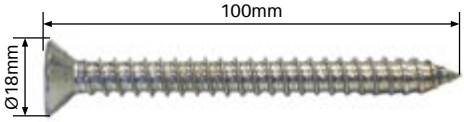
Spigot extender
200MM LONG
SS304
Order Code: **S-XT**

- M10 & M16 bolts at opposite ends enables extra anchoring in footings (helpful when working with sand)
- Stainless steel 304
- Suits Lifestyle, Madrid and Rio core drill spigots



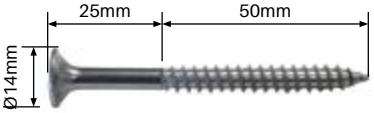
We offer a range of Stainless Steel 316 grade countersunk self tapping screws perfect for affixing base plated spigots to timber decks or stainless fittings to timber posts.

Each screw is expertly crafted with a hex head drive to ensure easy installation



Counter sunk timber screw - 4 pack
100MM LONG - SS316 (Hex head drive)
Order Code: **CSK-100-4PK**

- Heavy duty self tapping screw - 100mm long with M10 thread - Ø18mm outer head
- Hex head drive
- Ideal for fixing base plated spigots to timber deck
- Countersunk head allows screw to finish flush with top edge of base plate for neat finish



Bugle batten screw
75MM LONG - SS316 (Hex head drive)
Order Code: **CSK-075**

- Self tapping screw - 14G x 75mm long - Ø14mm outer head
- Hex head drive
- Ensure inner diameter of base plated spigot hole suits a screw with 14mm diameter outer head (Base plate hole diameter varies on spigot ranges)

Timber fixing kit
4 PACK - SS316
Order Code: **S-110LAG-4PK**

- M10 x 110mm timber lag screws x4 with nuts and washers
- Nuts fit under high domical covers. Fixing kit cannot be used with slimline covers (slimline covers use countersunk fixings)

Concrete fixing kit
4 PACK - SS316
Order Code: **S-120ROD-4PK**

- M10 x 120mm concrete threaded rods x4 with nuts and washers
- Nuts fit under high domical covers. Fixing kit cannot be used with slimline covers (slimline covers use countersunk fixings)

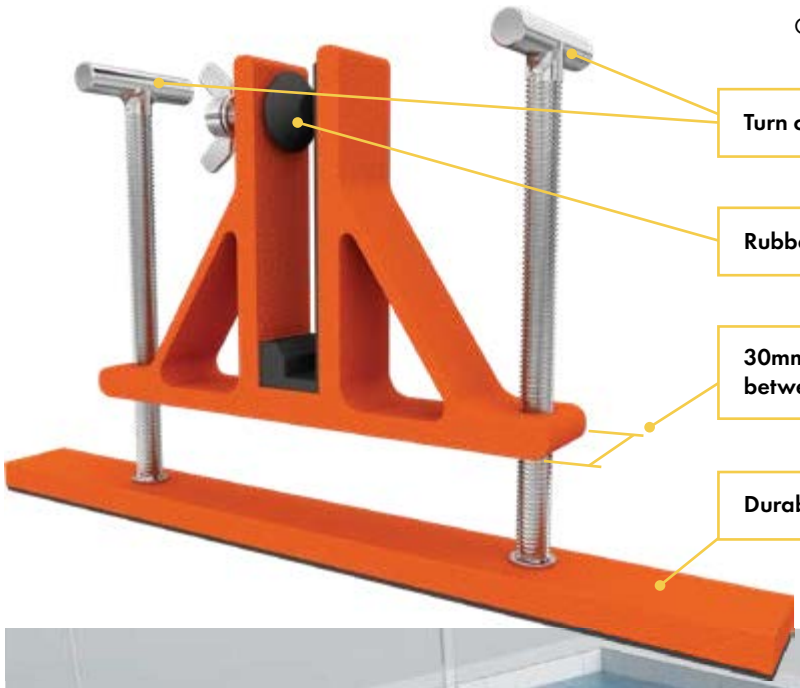
NOTE: DRAWINGS ARE NOT TO SCALE

NEW! GLASSMATE & GLASS BUDDY

The revolutionary new tool that increases speed and accuracy of glass installations

Increase speed & accuracy of installations
No need for timber bracing or chocks
Adjust tilt of glass quickly and easily by simply turning adjustment knobs
Raise or lower to millimetre perfection
Glass is self supported with a GlassMate at each end of panel
Durable powder coated aluminium tool for long term use

Order Code: **GLASSMATE**



Turn one knob to adjust tilt. Turn both knobs to raise or lower glass

Rubber to ensure glass panels are protected from scratching

30mm wide profile allows easy removal of tool between or underneath panels after installation

Durable powder coated aluminium

Easily adjust glass height and tilt with GlassMate!

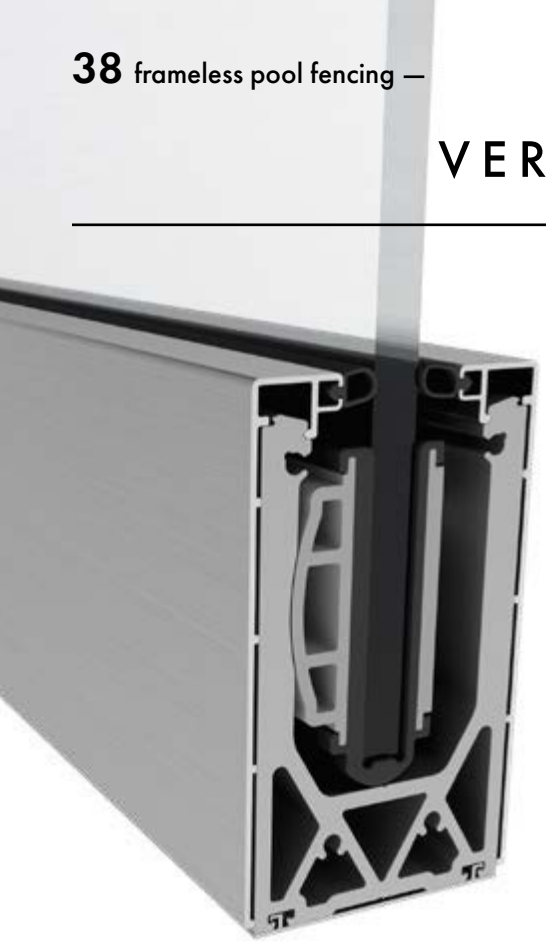
Allow a 32mm minimum gap between or below panels to remove tool

GLASS BUDDY

Made from durable marine plywood
Handy brace for clamping panels of glass together during installation to ensure perfect alignment
Wingnut on opposite side allows for fast and easy clamping

Order Code: **GLASSBUDDY**

VERSATILT ALUMINIUM



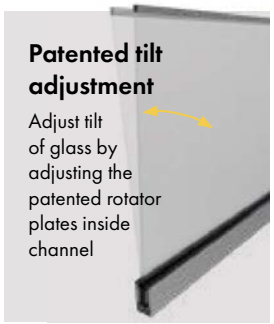
The Versatilt aluminium channel system with glass tilt adjustability sets the new standard for face mount and deck mount channel installations.

Channels available in clear anodised finish at 4200mm long with pre-drilled fixing holes suitable for either face mount or deck mount installation. Covers simply snap on to conceal all fixings. In a massive technical advancement, the patented rotator plates allow friction fitting and **TILT ADJUSTMENT** of glass inside the channel.

The Versatilt channel is perfect for pool fence installations and particularly face mount situations.

Patented tilt adjustment

Adjust tilt of glass by adjusting the patented rotator plates inside channel

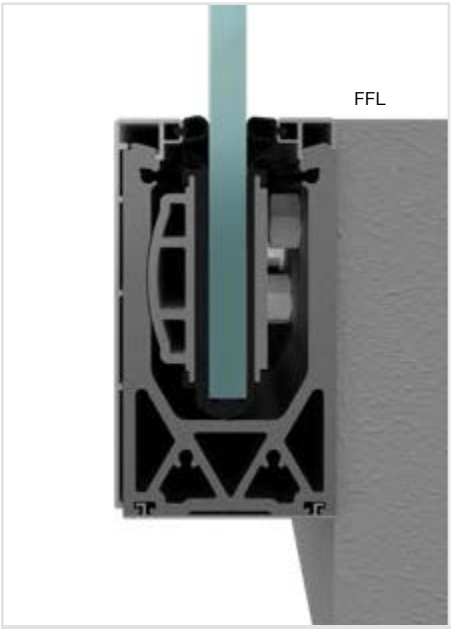


- Suits 12mm to 15mm toughened glass (including SGP toughened laminate glass)
- Channel finish is clear anodised - Covers available in brushed satin anodised or mill finish
- Face mount & deck mount styles available - 4200mm long
- Pre-machined elongated fixing holes
- Easy snap-on covers hide all fixings
- Highest quality complete channel system + easy to install!
- For corner installations there is no need to mitre cut the channel itself. Simply cut covers for easy installation - Channel can butt join and be hidden by covers
- For pool fencing applications, use our 1350mm high 'Clear glaze' glass (See page 58)

PATENTED PRODUCT
glass outlet exclusive

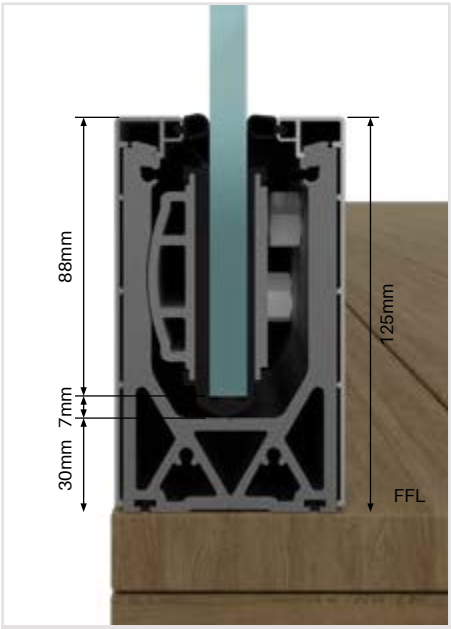
*Please take care to refer to relevant standards to ensure our Versatilt system is suitable for your needs as each installation situation/compliance requirement is unique

Face mount



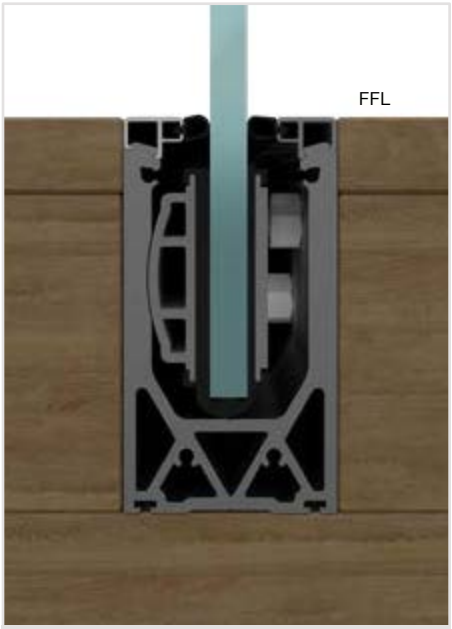
NOTE: When installing Versatilt as face mount, consider using our 1350mm high 'Clear glaze' glass to achieve height required for pool fencing

Deck mount



NOTE: When installing Versatilt as deck mount, you must contact your local glass supplier for a custom made gate (not stocked by Glass Outlet)

Concealed in deck



NOTE: Ensure adequate water drainage points!

Not suitable for concrete slab concealing due to potential water retention

We want to make your job easier.

View our trade focused online installation videos for in-depth info on this revolutionary channel system

VERSATILT ALUMINIUM

Face mount channel kit
Mill or brushed satin finish
Order Code: **VER-4200-FMK-M**
VER-4200-FMK-SA

- Clear anodise aluminium 4200mm long channel (6063 - T6)
- Mill or brushed satin finish aluminium 4450mm long covers (6463 - T5)
- Pre-machined elongated fixing holes in channel
- 1x full cover, 1x top cover & 1x bottom cover

Face mount end plates
Mill or brushed satin finish
Order Code: **VER-2FMEP-M**
VER-2FMEP-SA

- 2x machined aluminium end plates (6063 - T5)
- Suits face mount channel
- Mill or brushed satin finish
- 4x SS316 panhead screws

Deck mount channel kit
Mill or brushed satin finish
Order Code: **VER-4200-DMK-M**
VER-4200-DMK-SA

- Clear anodise aluminium 4200mm long channel (6063 - T6)
- Mill or brushed satin finish aluminium 4450mm long covers (6463 - T5)
- Pre-machined elongated fixing holes in channel
- 2x full covers & 2x top covers (discard covers not required)

Deck mount end plates
Mill or brushed satin finish
Order Code: **VER-2DMEP-M**
VER-2DMEP-SA

- 2x machined aluminium end plates (6063 - T5)
- Suits deck mount channel
- Mill or brushed satin finish
- 4x SS316 panhead screws

Pressure plate kit
Order Code: **VER-PPKIT**

- Suits 12mm thick glass
- Use 4x plate kits per pool panel

Top infill
Order Code: **VER-0300-TI**

- 300mm long - cut as required
- EPDM black rubber
- Position between glass in channel

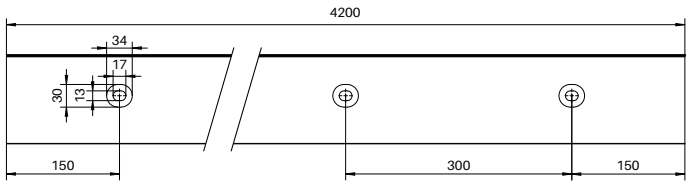
Alignment pins
Order Code: **VER-PINS**

- SS316 - 10 pack
- Use to join inline channels together

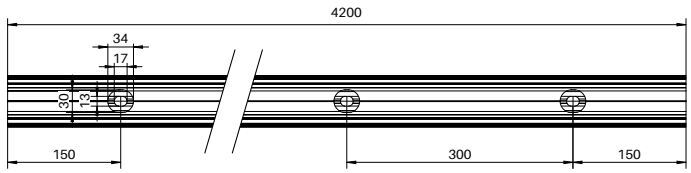
12mm glazing rubber
Order Code: **VER-12KIT-RUB-10PK**

- Pack of 10 lengths of glazing rubber to suit 12mm glass
- Optional spare part

Face mount pre-machined hole positions

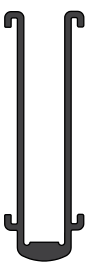


Deck mount pre-machined hole positions



! Please consult your engineer regarding suitability and structural integrity of the substrate as this will vary for each installation situation. We are unable to provide technical advice regarding suitability of substrate or fixings.

Using 15mm thick glass?
You'll need these.



15mm U gasket kit
Order Code: **VER-15KIT-GAS**

- Pack of 6 gaskets
- Thin U gasket to use with 14.28mm and 15mm thick glass
- Use with VER-PP-KIT: Simply discard standard U gasket

15mm glazing rubber kit
Order Code: **VER-15KIT-RUB**

- Includes 2x 4450mm (R2 & R14 bulb) rubbers to suit Versatilt covers
- Simply discard standard rubbers supplied with covers

Glass gate & hardware selection

To complement the finest quality glass panels and spigots, we also provide a complete range of hinge and latch gate hardware options

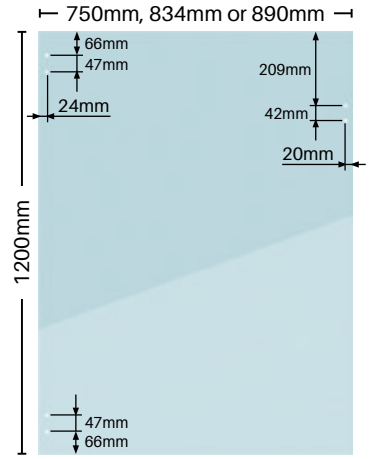
Firstly, choose between our **Master Range** 8mm thick or **Polaris Soft Close** 12mm thick toughened glass gates.

If using our **Master Range** 8mm thick gates, **see pages 41-43** for installation configurations and **pages 48-52** for hardware specifications

If using our **Polaris Soft Close** 12mm thick gates, **see pages 44-47** for installation configurations and **pages 53-57** for hardware specifications

GATE HARDWARE GUIDE MASTER RANGE

A Select **Master Range** gate required



- 8mm thick clear toughened
- 2mm radius corners
- Suits master range hardware
- 6x 10mm holes
- Complies with relevant Australian standards

Order Code	Width
08SLG-0750	750mm
08SLG-0834	834mm
08SLG-0890	890mm

B Select **Master Range** hinge set required

Master range glass to glass hinge set
SS316
Polish, satin or matt black finish
Order Code: **MR-GGH-P**
MR-GGH-S
MR-GGH-B

Master range sq. post/wall to glass hinge set
SS316
Polish or satin finish
Order Code: **MR-SPH-P**
MR-SPH-S

Master range round post to glass hinge set
SS316
Polish or satin finish
Order Code: **MR-RPH-P**
MR-RPH-S

Suits Ø50mm round posts

C Select **Master Range** latch kit required

Master range glass to glass latch kit
SS316
Polish or satin finish
Order Code: **MR-FLGGSS-P**
MR-FLGGSS-S

Master range glass to glass latch kit
SS316 & BLACK POLYMER
Polish, satin or matt black finish
Order Code: **MR-FLGG-P**
MR-FLGG-S
MR-FLGG-B

Master range external 90° to glass latch kit
SS316 & BLACK POLYMER
Polish, satin or matt black finish
Order Code: **MR-FL90E-P**
MR-FL90E-S
MR-FL90E-B

Master range sq. post/wall to glass latch kit
SS316
Polish or satin finish
Order Code: **MR-WGLSS-P**
MR-WGLSS-S

Master range sq. post/wall to glass latch kit
SS316 & BLACK POLYMER
Polish, satin or matt black finish
Order Code: **MR-WGL-P**
MR-WGL-S
MR-WGL-B

Master range face mount lockable latch
BLACK POLYMER
Order Code: **MR-FMLSL**

Retro fit to master range latch kits for a lockable latch. Simply remove existing non-lockable latch and replace

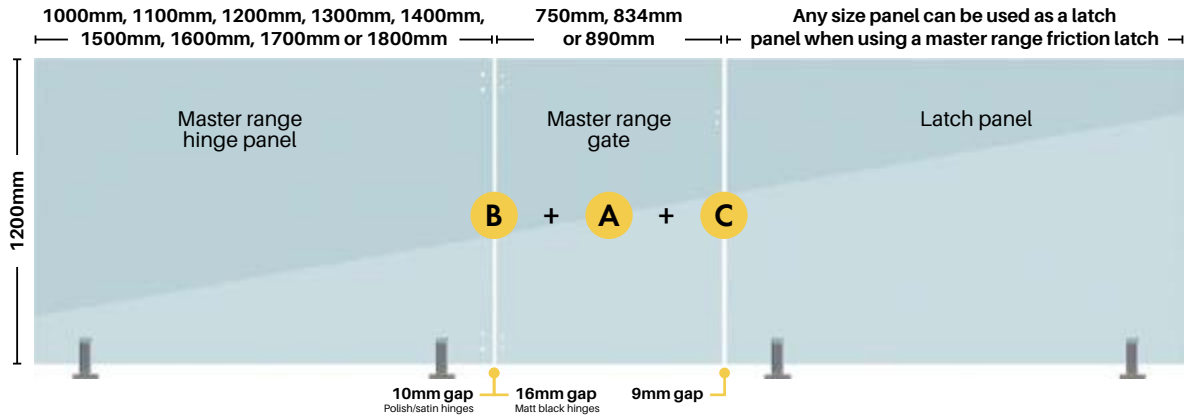
Suits Ø50mm round posts

Master range round post to glass latch kit
SS316
Polish or satin finish
Order Code: **MR-RPLSS-P**
MR-RPLSS-S

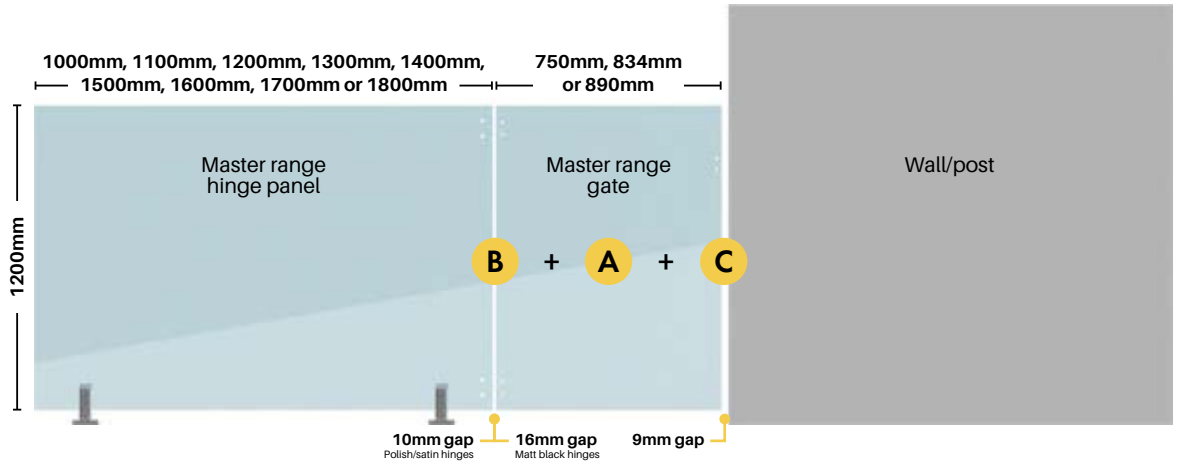
Master range internal 90° to glass latch kit
SS316 & BLACK POLYMER
Polish or satin finish
Order Code: **MR-FL90I-P**
MR-FL90I-S

FRAMELESS GATE LAYOUTS MASTER RANGE

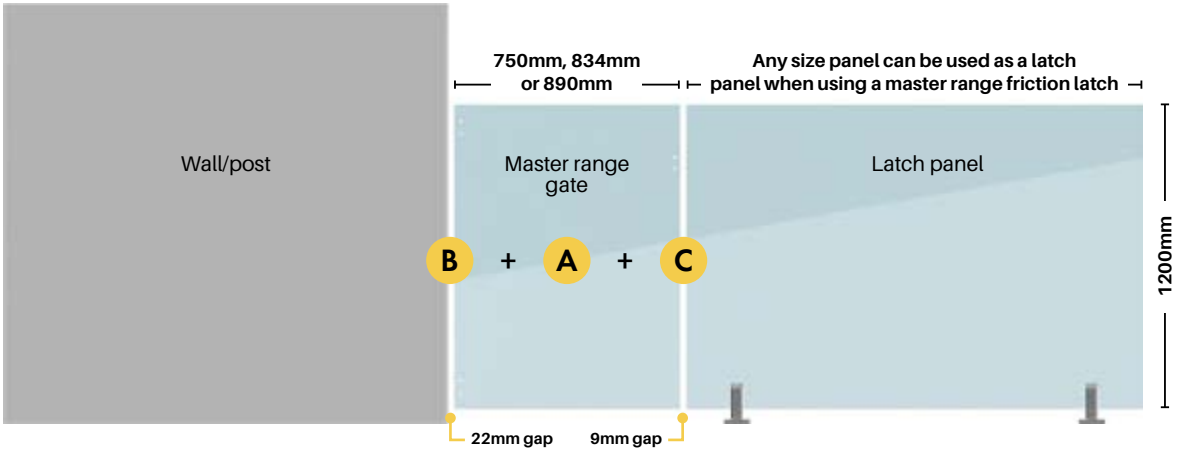
Glass to glass Master Range hinges with **glass to glass** latch



Glass to glass Master Range hinges with **wall/sq. post to glass** latch



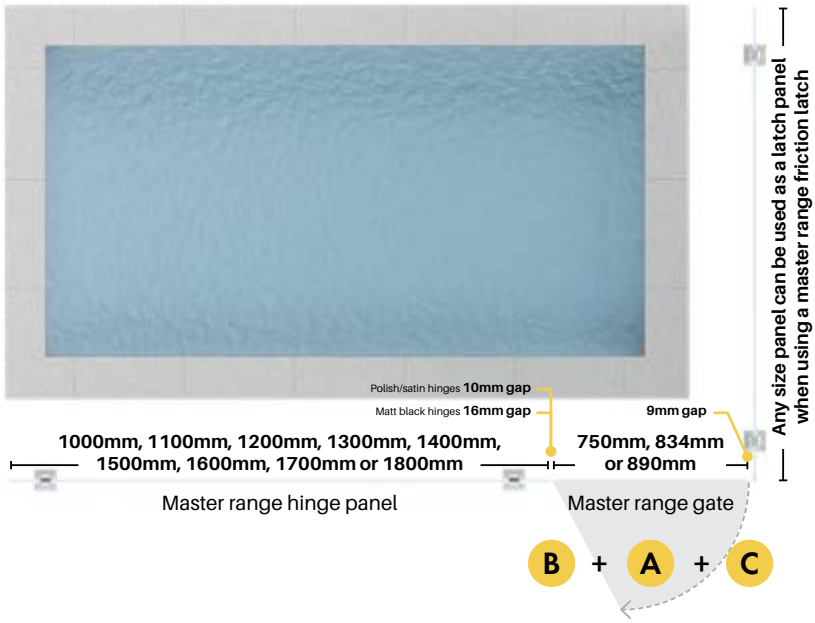
Wall/sq. post to glass Master Range hinges with **glass to glass** latch

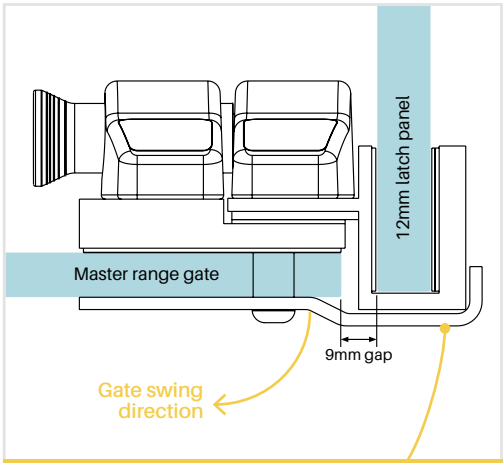


NOTE: DRAWINGS ARE NOT TO SCALE

FRAMELESS GATE LAYOUTS MASTER RANGE

Glass to glass Master Range hinges with **external 90° corner fitting** latch

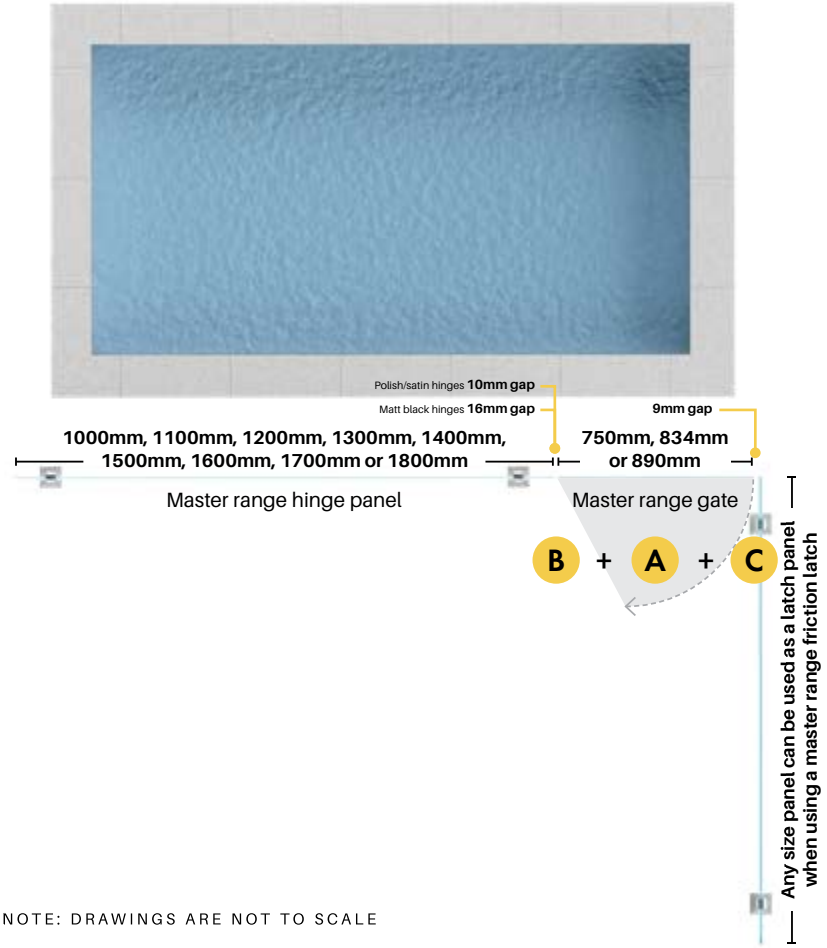




Look!

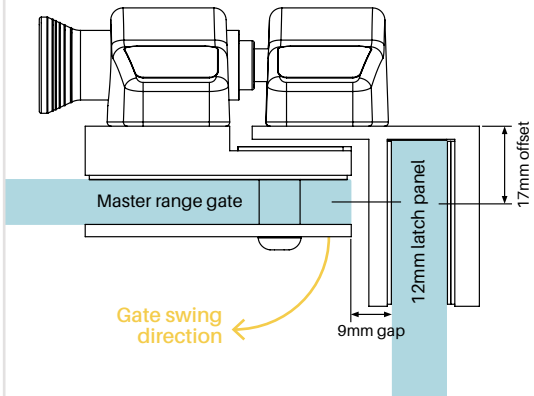
Specially designed hook plate ensures latch cannot detach if return panel moves sideways.

Glass to glass Master Range hinges with **internal 90° corner fitting** latch



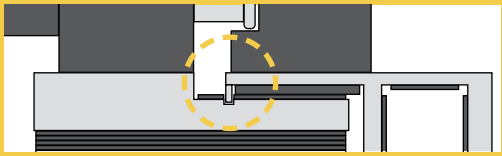
Important!

Offset gate requirement



Look!

Specially designed internal catch ensures latch cannot detach if return panel moves sideways.

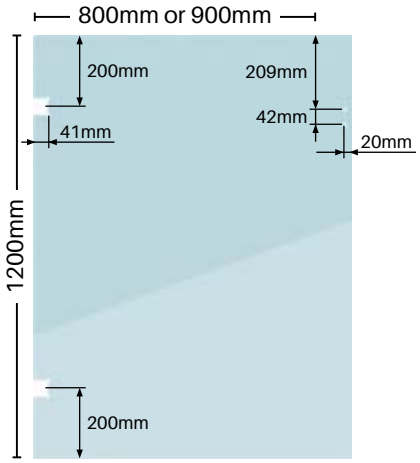


NOTE: DRAWINGS ARE NOT TO SCALE

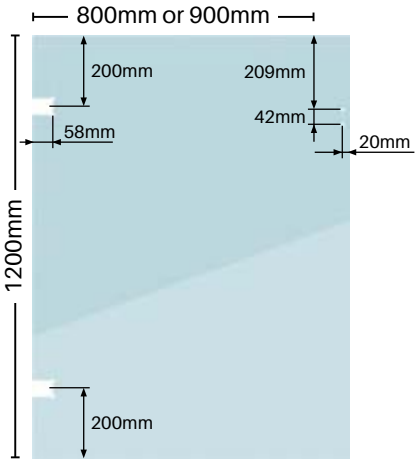
GATE HARDWARE GUIDE POLARIS

A Select **Polaris** gate required

Different gates required depending on installation type



Suits glass to glass installation



Suits glass to wall/post installation

- 12mm thick clear toughened
- 5mm radius corners
- Suits Polaris 120 series hinges
- 2x cut outs & 2x Ø12mm holes
- Complies with relevant Australian standards

Application	Order Code	Width
Glass to glass	12PGG-0800	800mm
	12PGG-0900	900mm
Glass to wall/post	12PWG-0800	800mm
	12PWG-0900	900mm

B Select **Polaris** hinge set required

Polaris glass to glass hinge set
120 series - SS2205
Polish, satin or matt black finish
Order Code: **PSC-120GG-P**
PSC-120GG-S
PSC-120GG-B

Polaris glass to wall hinge set
120 series - SS2205
Polish, satin or matt black finish
Order Code: **PSC-120W-P**
PSC-120W-S
PSC-120W-B

Suits Ø50mm round posts

Polaris square or round post plates
120 series - SS2205
Polish or satin finish
Order Code: **PSC-120PLATE-SP-P**
PSC-120PLATE-SP-S
PSC-120PLATE-RP-P
PSC-120PLATE-RP-S

C Select **Master Range** latch kit required

Master range glass to glass latch kit
SS316
Polish or satin finish
Order Code: **MR-FLGGSS-P**
MR-FLGGSS-S

Master range glass to glass latch kit
SS316 & BLACK POLYMER
Polish, satin or matt black finish
Order Code: **MR-FLGG-P**
MR-FLGG-S
MR-FLGG-B

Master range external 90° to glass latch kit
SS316 & BLACK POLYMER
Polish, satin or matt black finish
Order Code: **MR-FL90E-P**
MR-FL90E-S
MR-FL90E-B

Master range sq. post/wall to glass latch kit
SS316
Polish or satin finish
Order Code: **MR-WGLSS-P**
MR-WGLSS-S

Master range sq. post/wall to glass latch kit
SS316 & BLACK POLYMER
Polish, satin or matt black finish
Order Code: **MR-WGL-P**
MR-WGL-S
MR-WGL-B

Master range face mount lockable latch
BLACK POLYMER
Order Code: **MR-FMLSL**

Retro fit to master range latch kits for a lockable latch. Simply remove existing non-lockable latch and replace

Suits Ø50mm round posts

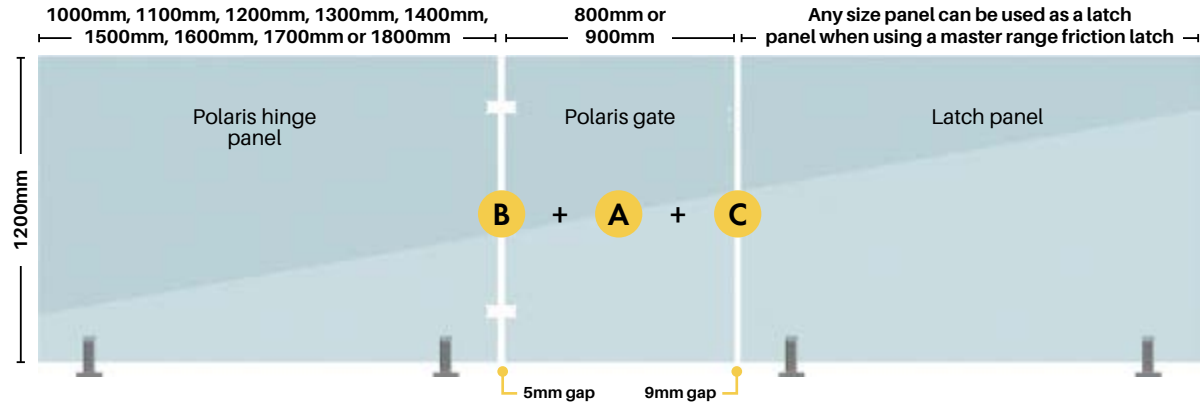
Master range round post to glass latch kit
SS316
Polish or satin finish
Order Code: **MR-RPLSS-P**
MR-RPLSS-S

Master range internal 90° to glass latch kit
SS316 & BLACK POLYMER
Polish or satin finish
Order Code: **MR-FL90I-P**
MR-FL90I-S

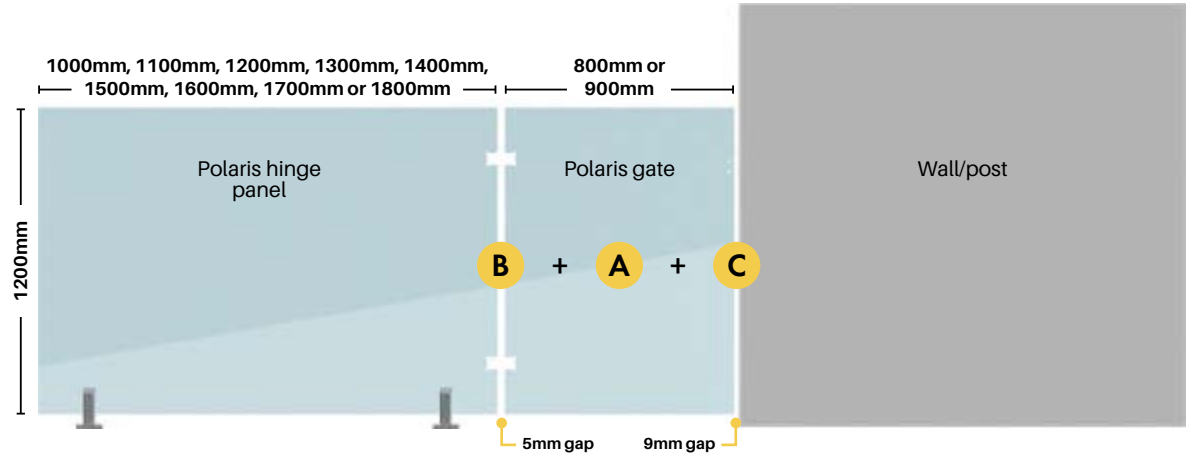
NOTE: DRAWINGS ARE NOT TO SCALE

FRAMELESS GATE LAYOUTS POLARIS

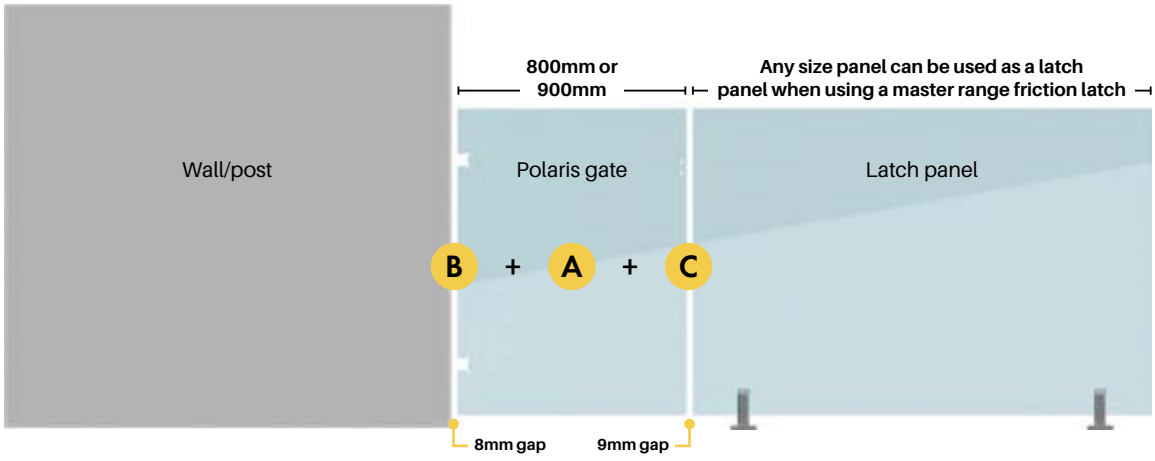
Glass to glass Polaris hinges with **glass to glass** latch



Glass to glass Polaris hinges with **wall/sq. post to glass** latch



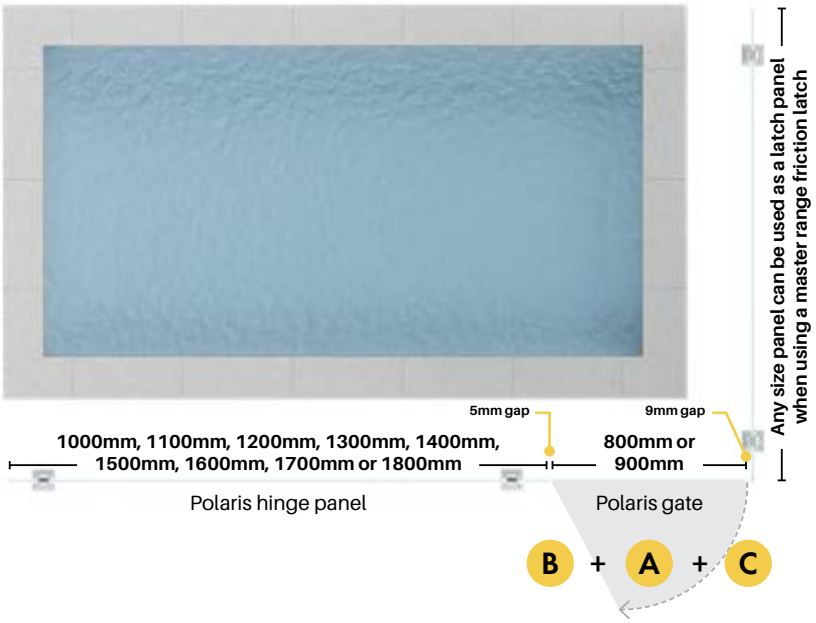
Wall/sq. post to glass Polaris hinges with **glass to glass** latch

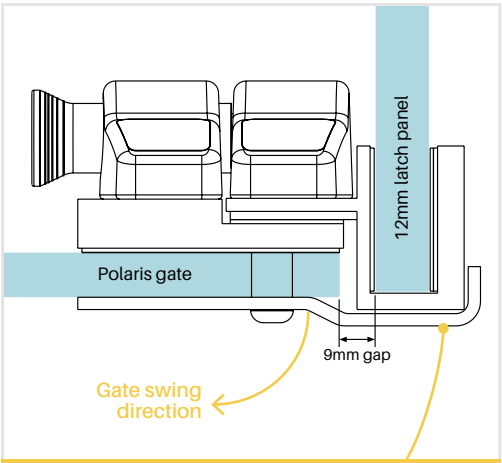


NOTE: DRAWINGS ARE NOT TO SCALE

FRAMELESS GATE LAYOUTS POLARIS

Glass to glass Polaris hinges with external 90° corner fitting latch

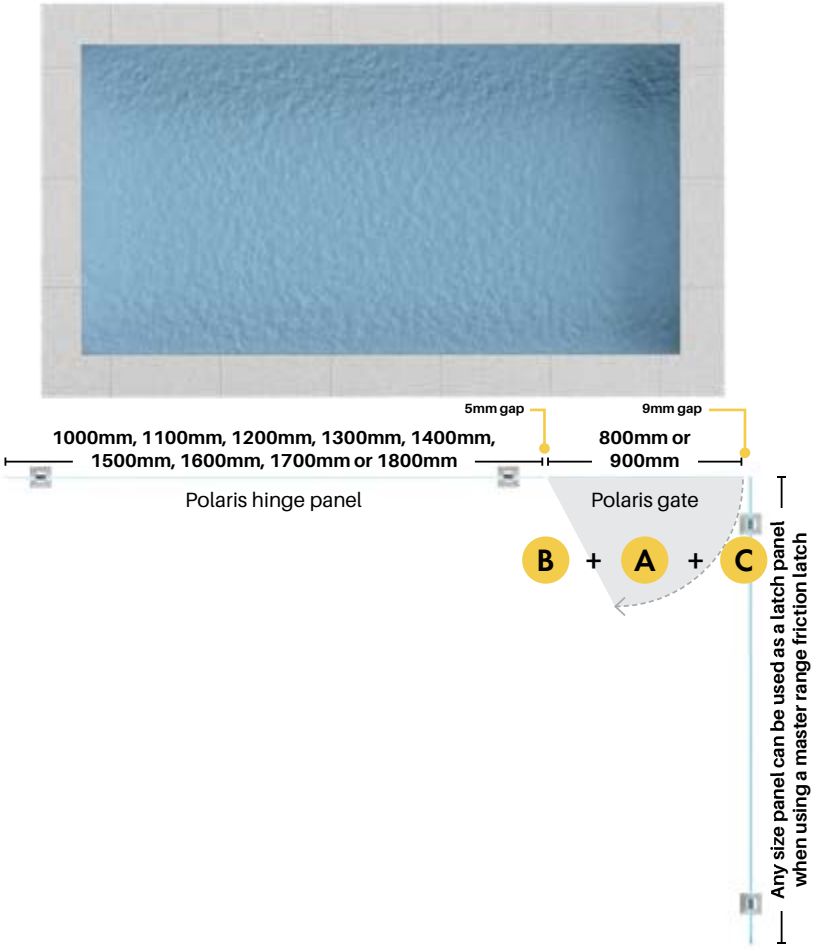




Look!

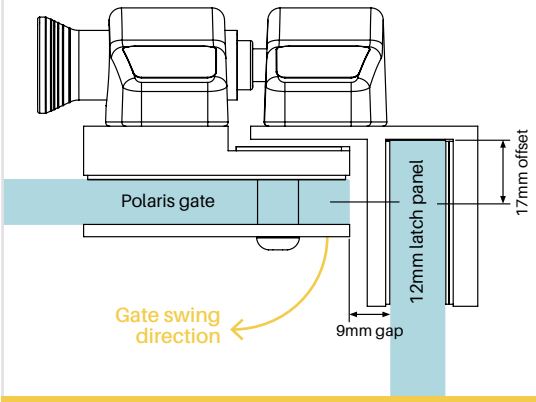
Specially designed hook plate ensures latch cannot detach if return panel moves sideways.

Glass to glass Polaris hinges with internal 90° corner fitting latch



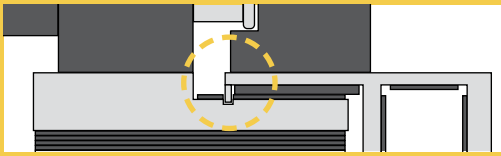
Important!

Offset gate requirement



Look!

Specially designed internal catch ensures latch cannot detach if return panel moves sideways.

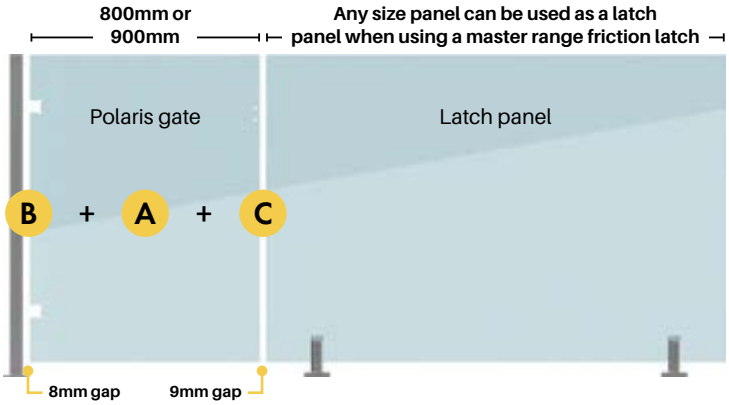


NOTE: DRAWINGS ARE NOT TO SCALE

FRAMELESS GATE LAYOUTS POLARIS

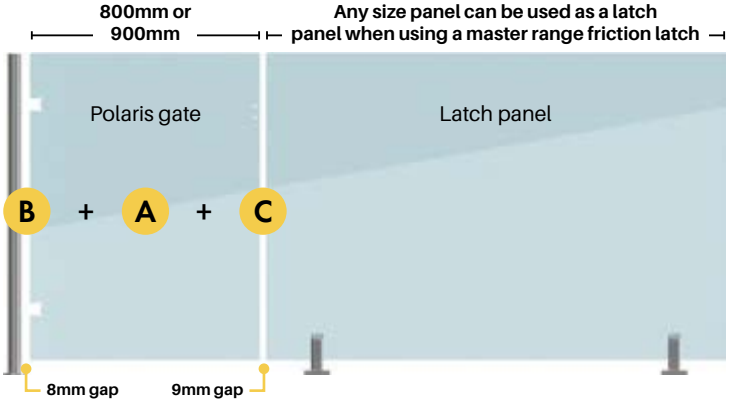
Square post to glass Polaris hinges with **glass to glass** latch

Important!
When using the Polaris square post fixing plates, a heavy duty post (at least 50.8mm square or larger) must be used



Round post to glass Polaris hinges with **glass to glass** latch

Important!
When using the Polaris round post fixing plates, you must use a Ø50mm post.
Due to the weight of the glass gate, we recommend using a post with a wall thickness of at least 2.5mm



NOTE: DRAWINGS ARE NOT TO SCALE

MASTER RANGE HARDWARE

Complete hinge and latch configurations to suit semi-frameless and frameless applications

Latches

- Latches available for glass to glass, wall/post to glass and 90° corner applications
- High quality Downee latch supplied as standard for nylon side pull latches
- Optional D&D lockable latch can retrofit to any nylon side pull latch
- D&D fully stainless steel latches available
- Select between polish or satin finish - Matt black finish now available on selected latches

Hinges

- Self closing hinges are stainless steel 316 and incorporate an integrated "anti toe hold" cone cap
- Glass to glass, square post, round post and face mount hinges available
- Hinges are tested to cycle count self closing requirements

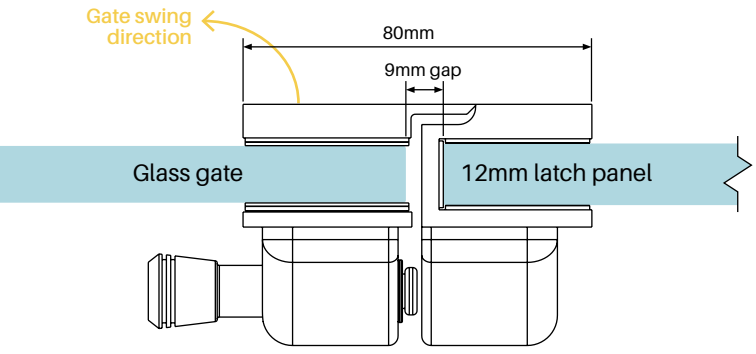
Glass to glass stainless steel latch kit

SS316

Polish or satin finish

Order Code: **MR-FLGGSS-P (Polish)**
MR-FLGGSS-S (Satin)

- Genuine D&D stainless steel side pull latch
- Friction keeper for glass to glass 180° application
- Suits 8mm, 10mm and 12mm glass gates
- Latch panel must be 12mm thick - no latch holes required



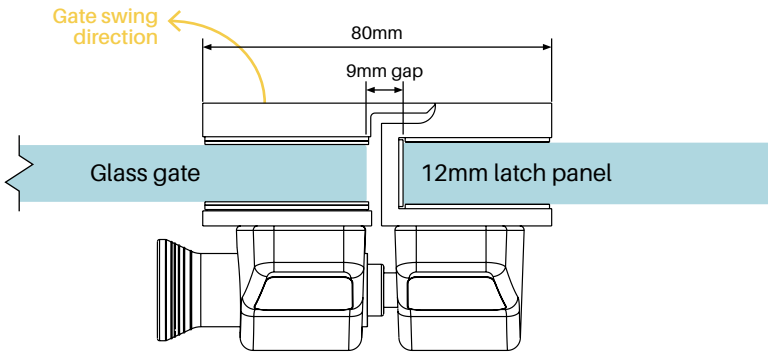
Glass to glass latch kit

SS316 & Polymer

Polish, satin or matt black finish

Order Code: **MR-FLGG-P (Polish)**
MR-FLGG-S (Satin)
MR-FLGG-B (Black)

- Downee side pull latch with SS316 backing plates
- Friction keeper for glass to glass 180° application
- Suits 8mm, 10mm and 12mm glass gates
- Latch panel must be 12mm thick - no latch holes required



NOTE: DRAWINGS ARE NOT TO SCALE

MASTER RANGE HARDWARE

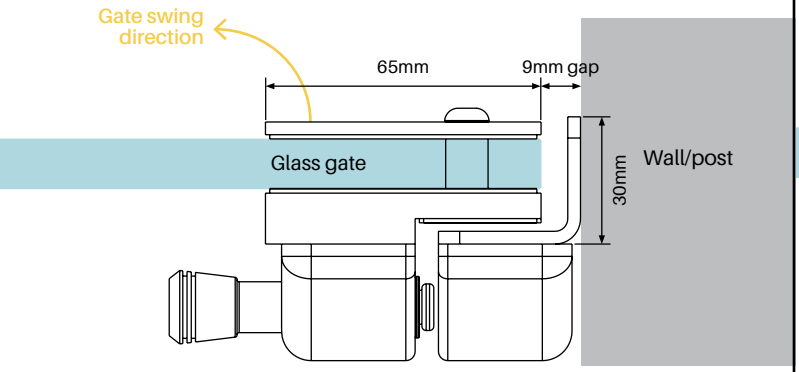
Wall/square post to glass stainless steel latch kit

SS316

Polish or satin finish

Order Code: **MR-WGLSS-P (Polish)**
MR-WGLSS-S (Satin)

- Genuine D&D stainless steel side pull latch
- Latch for wall/sq. post to glass gate application
- Suits 8mm, 10mm and 12mm glass gates



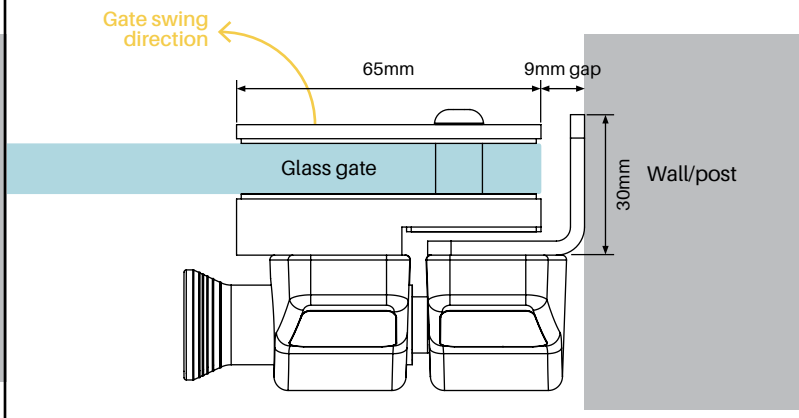
Wall/sq. post to glass latch kit

SS316 & Polymer

Polish, satin or matt black finish

Order Code: **MR-WGL-P (Polish)**
MR-WGL-S (Satin)
MR-WGL-B (Black)

- Downee side pull latch with SS316 backing plates
- Latch for wall/sq. post to glass application
- Suits 8mm, 10mm and 12mm glass gates



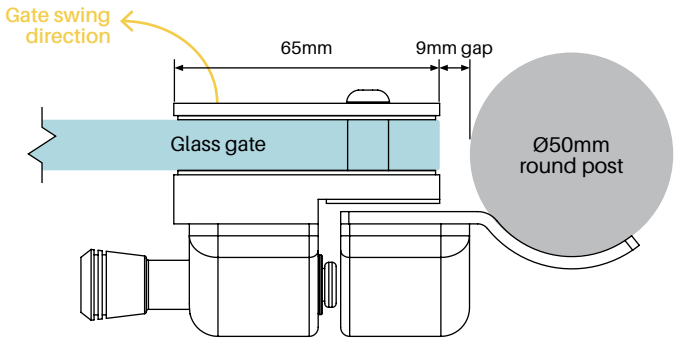
Round post to glass stainless steel latch kit

SS316

Polish or satin finish

Order Code: **MR-RPLSS-P (Polish)**
MR-RPLSS-S (Satin)

- Genuine D&D stainless steel side pull latch
- Latch for 50mm round post to glass application
- Suits 8mm, 10mm and 12mm glass gates
- Fixing plate suits Ø50mm round post
- 3x fixing holes for fixing to round post



NOTE: DRAWINGS ARE NOT TO SCALE

MASTER RANGE HARDWARE

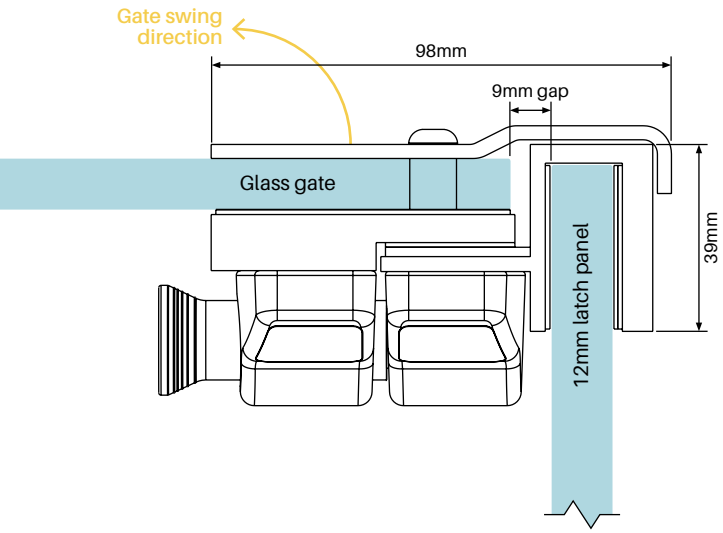
Glass to glass external 90° corner latch kit

SS316 & Polymer

Polish, satin or matt black finish

Order Code: **MR-FL90E-P (Polish)**
MR-FL90E-S (Satin)
MR-FL90E-B (Matt black)

- Downee side pull latch with SS316 backing plates
- Friction keeper for external fit 90° glass to glass application
- Integrated hook plate ensures latch panel cannot be separated from gate
- Suits 8mm, 10mm and 12mm glass gates
- Latch panel must be 12mm thick - no latch holes required



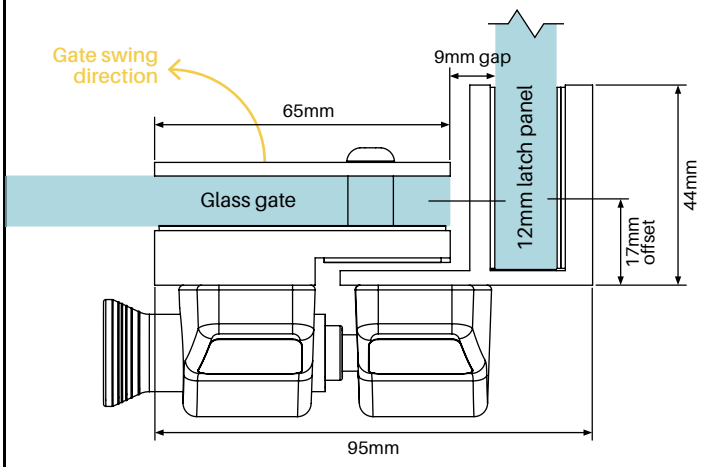
Glass to glass internal 90° corner latch kit

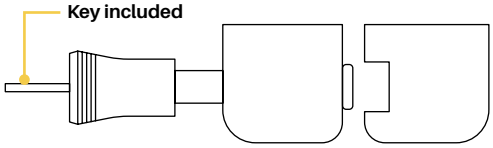
SS316 & Polymer

Polish or satin finish

Order Code: **MR-FL90I-P (Polish)**
MR-FL90I-S (Satin)

- Downee side pull latch with SS316 backing plates
- Friction keeper for internal fit 90° glass to glass application
- Specially designed locking clasp mechanism ensures latch panel cannot be separated from gate
- Suits 8mm, 10mm and 12mm glass gates
- Latch panel must be 12mm thick - no latch holes required





Retro fit to master range latch kits for a lockable latch

Face mount latch

Black Polymer

Black finish

Order Code: **MR-FMLSL**

Supplier Code: **MLSPS2L**

- Key lockable D&D latch in black polymer finish
- All backing plates supplied with non-lockable nylon latches can be retro fitted with the D&D lockable latch

NOTE: DRAWINGS ARE NOT TO SCALE

MASTER RANGE HARDWARE

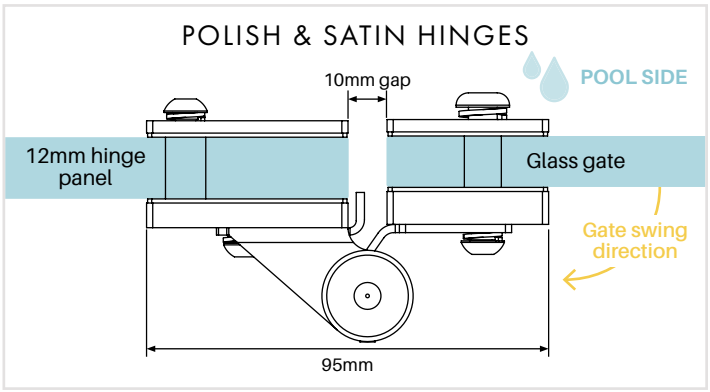
Glass to glass hinge set - Pair of 2

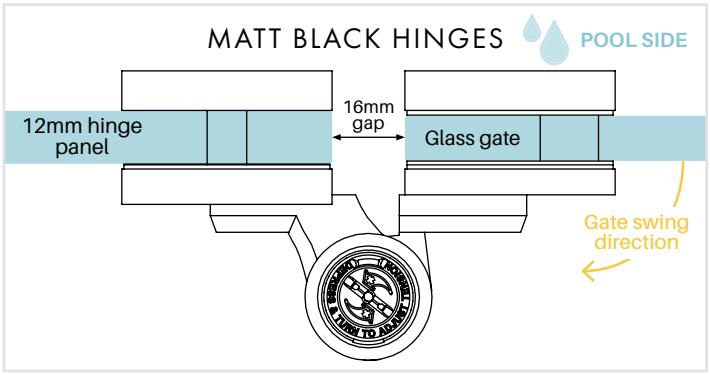
SS316

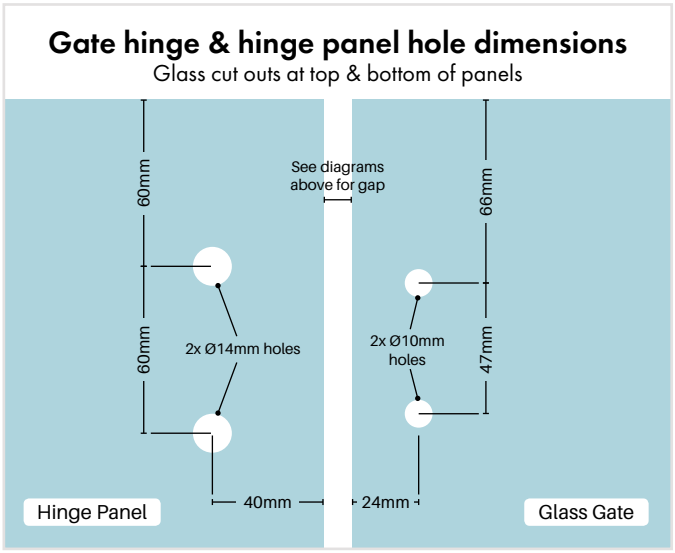
Polish, satin or matt black finish

Order Code: **MR-GGH-P (Polish)**
MR-GGH-S (Satin)
MR-GGH-B (Black)

- Stainless steel 316 backing plates for premium finish
- Suits glass to glass application
- Cone cap incorporated to prevent toe hold
- Suits 8mm and 10mm glass gates
- Weight capacity of 25kg per pair
- For black hinges - genuine D&D Tru-Close hinges affixed to powder coated matt black stainless steel backing plates







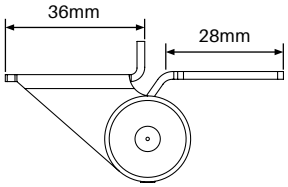
Face mount hinge set - Pair of 2

SS316

Polish or satin finish

Order Code: **MR-FMH-P (Polish)**
MR-FMH-S (Satin)

- Suits face mount application - Use when hinging off the front face of a wall/post
- Cone cap incorporated to prevent toe hold
- Suits 8mm and 10mm glass gates
- Weight capacity of 25kg per pair
- Includes SS316 plate (on opposite side to hinge) for affixing glass gate to hinge



NOTE: DRAWINGS ARE NOT TO SCALE

MASTER RANGE HARDWARE

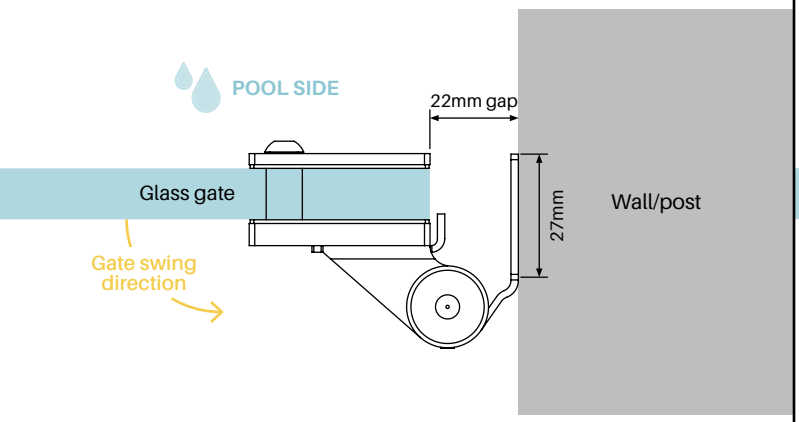
Wall/sq. post to glass hinge set - Pair of 2

SS316

Polish or satin finish

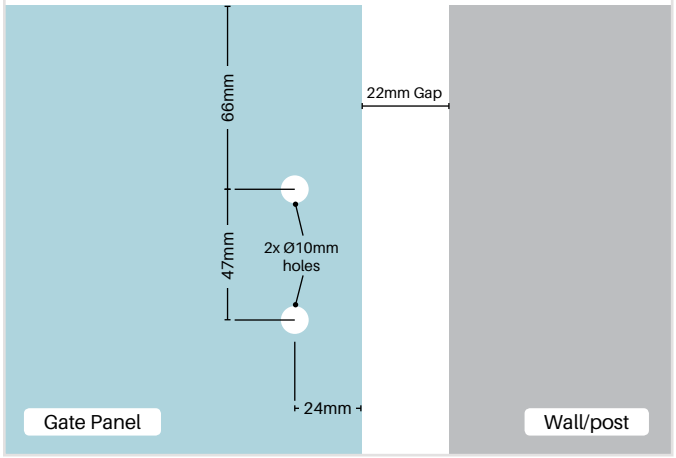
Order Code: **MR-SPH-P (Polish)**
MR-SPH-S (Satin)

- Suits wall/sq. post to glass application
- Cone cap incorporated to prevent toe hold
- Suits 8mm and 10mm glass gates
- Weight capacity of 25kg per pair



Gate hinge hole dimensions

Glass holes at top & bottom of panels



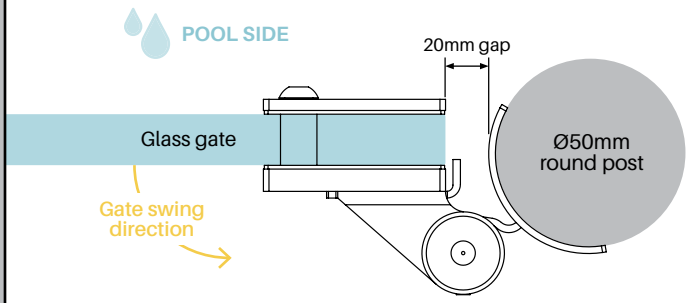
Round post to glass hinge set - Pair of 2

SS316

Polish or satin finish

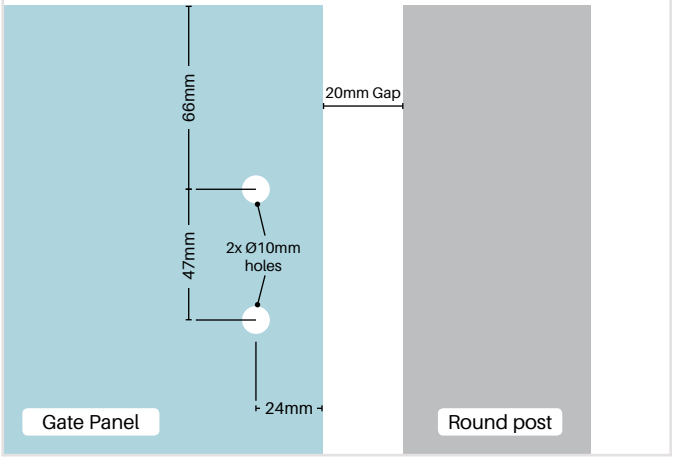
Order Code: **MR-RPH-P (Polish)**
MR-RPH-S (Satin)

- Suits 50mm round post to glass application
- Cone cap incorporated to prevent toe hold
- Suits 8mm and 10mm glass gates
- Weight capacity of 25kg per pair

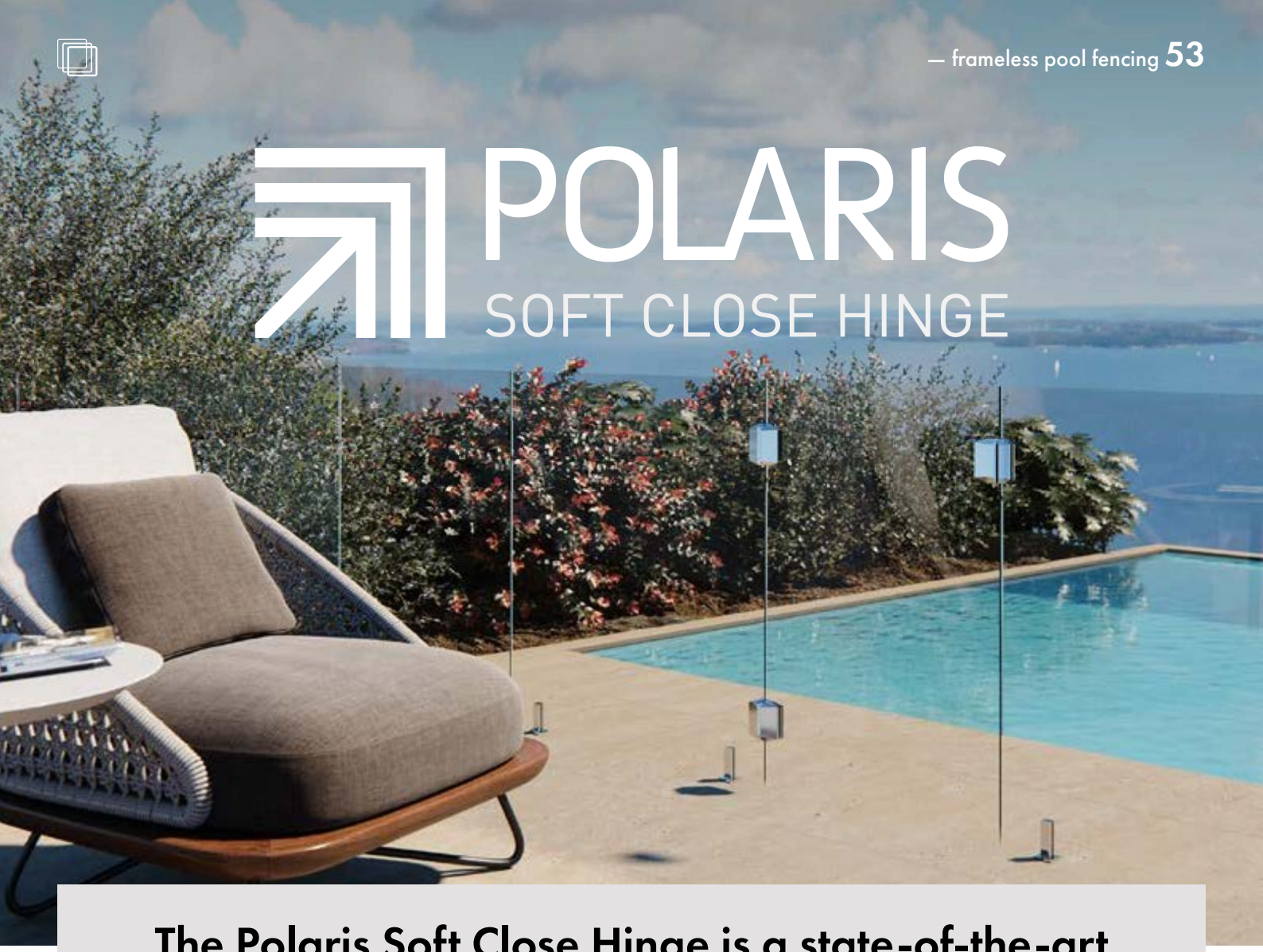


Gate hinge hole dimensions

Glass holes at top & bottom of panels



NOTE: DRAWINGS ARE NOT TO SCALE



POLARIS
SOFT CLOSE HINGE

The Polaris Soft Close Hinge is a state-of-the-art product unrivaled in design, style and safety

The Polaris soft close hinge is the safest and most reliable specially designed pool fence hinge in the industry that complies with the stringent Australian Standards AS1926 and AS 2820.

New and improved **120 series** hinge is now made with duplex SS2205 stainless steel

Improved design features including commercial rated adjustable tension spring (tempered SS304) with multiple spring closing settings (soft, medium & strong) and the highest quality European made dampeners for smooth, soft close action

Self closing hinge suitable for 10mm and 12mm thick glass gates

Revolutionary anti-drop gate packing system significantly lowers the chance of gates dropping or sagging over time

Easy installation process - install guide included in each box

Available in polish, satin or matt black finishes

Highest quality dampeners

European made dampeners provide the smoothest soft close action on the market

POLARIS SOFT CLOSE HINGES

Glass to glass hinge set

120 SERIES

SS2205

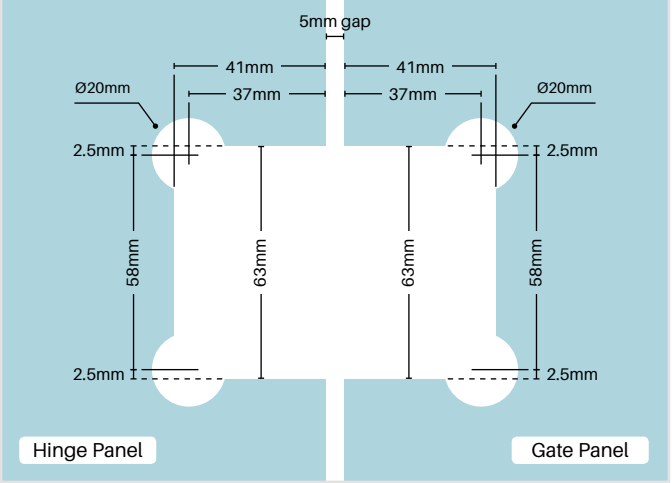
Polish, satin or matt black finish

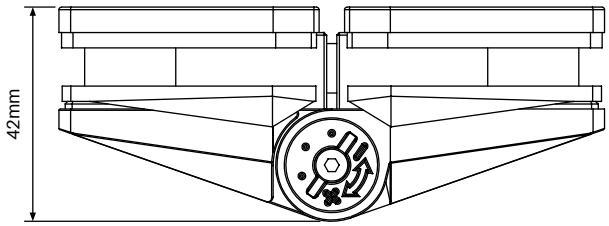
Order Code: **PSC-120GG-P (Polish)**
PSC-120GG-S (Satin)
PSC-120GG-B (Black)

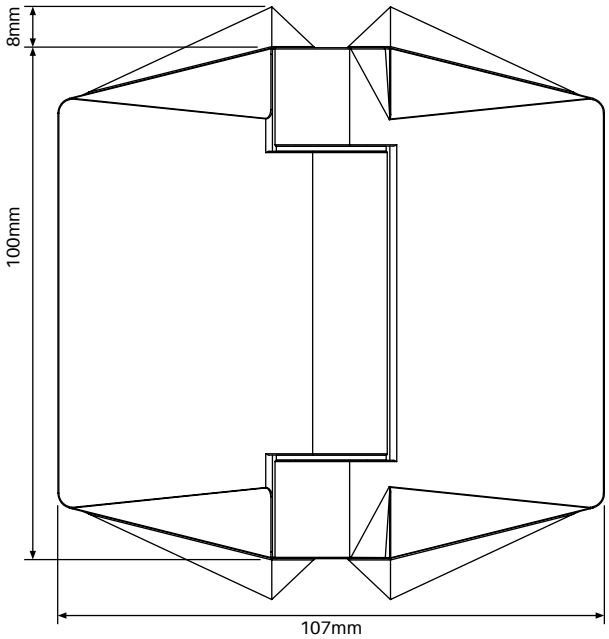
- 2205 grade stainless steel
- Self closing pool fence compliant safety hinge
- Tested to cycle count Australian Standards requirements
- Adjustable closing speed with European dampeners providing a soft close action
- Cone cap incorporated on bottom hinge for anti-toe hold
- Suits 10 or 12mm thick glass gates (max 45kg)

Glass to glass hinge cut out specification

Glass cut outs at top & bottom of panels







NOTE: DRAWINGS ARE NOT TO SCALE

POLARIS SOFT CLOSE HINGES

Glass to wall hinge set
120 SERIES

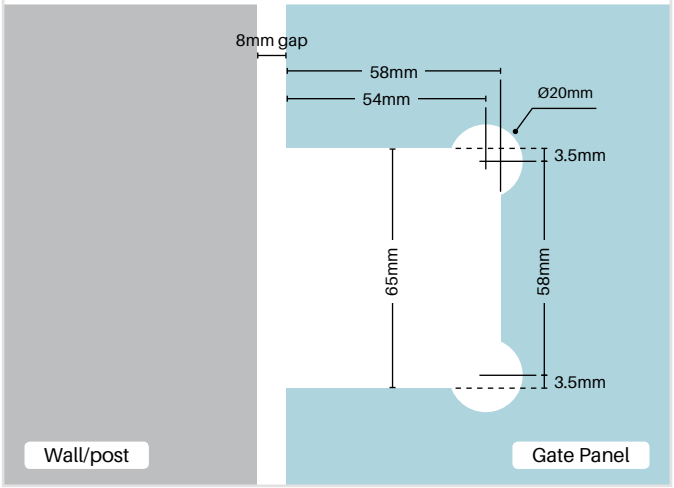
SS2205

Polish, satin or matt black finish

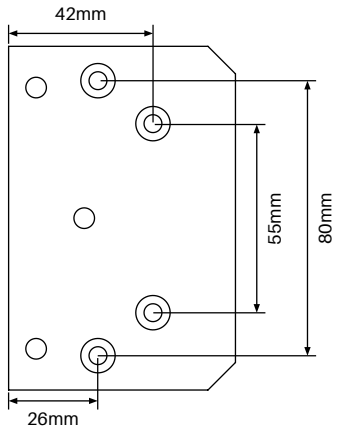
Order Code: **PSC-120W-P (Polish)**
PSC-120W-S (Satin)
PSC-120W-B (Black)

- 2205 grade stainless steel
- 4x fixing holes to wall/post
- Hinge can be installed while glass gate is in place
- Self closing pool fence compliant safety hinge
- Tested to cycle count Australian Standards requirements
- Adjustable closing speed with European dampeners providing a soft close action
- Cone cap incorporated on bottom hinge for anti-toe hold
- Suits 10 or 12mm thick glass gates (max 45kg)

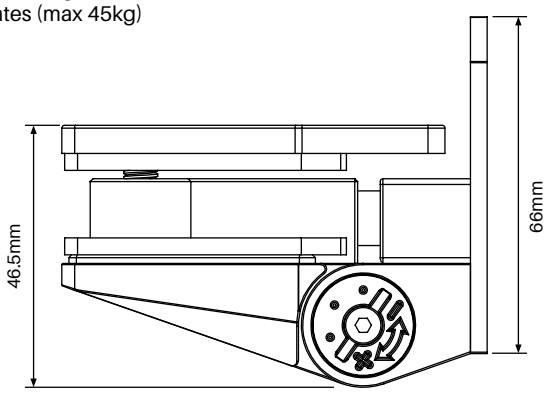
Glass to wall hinge cut out specification
Glass cut outs at top & bottom of gate

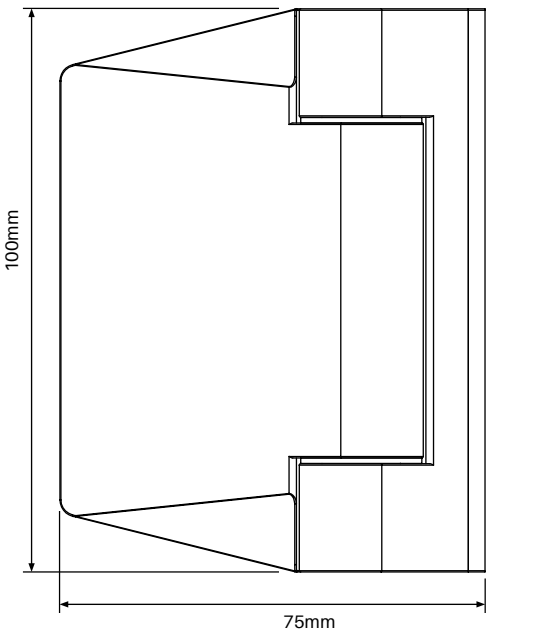


Wall plate specification



4x fixing holes to wall/post





NOTE: DRAWINGS ARE NOT TO SCALE

POLARIS SOFT CLOSE HINGES

Backing plates are sold separately! You must purchase glass to wall hinges as well as the square post backing plates. Simply unscrew and remove the existing wall plates and replace with the square post backing plates.

Glass to square post backing plates

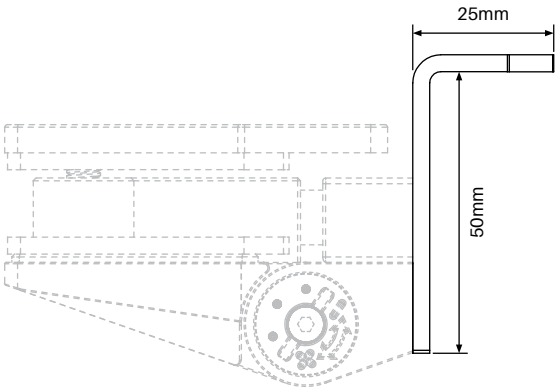
120 SERIES

SS2205

Polish or satin finish (not available in matt black)

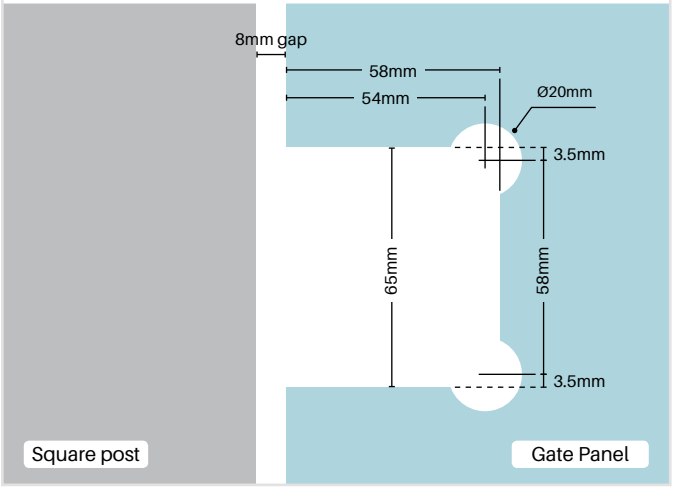
Order Code: **PSC-120PLATE-SP-P (Polish)**
PSC-120PLATE-SP-S (Satin)

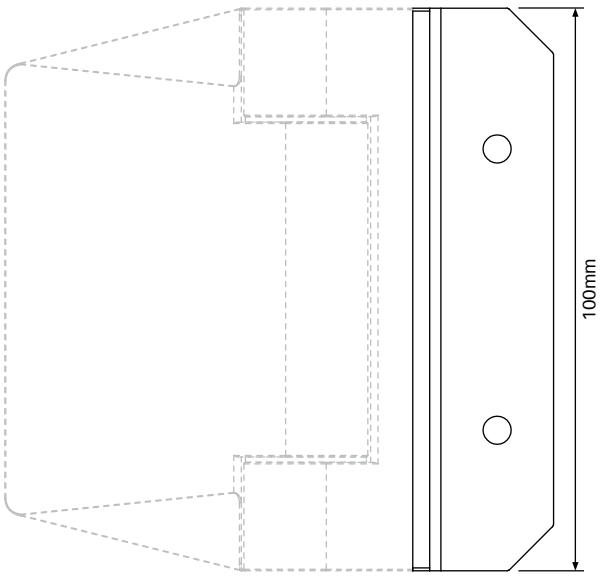
- 2205 grade stainless steel
- Backing plate suits a 50mm square post
- Hinge can be installed while glass gate is in place
- Self closing pool fence compliant safety hinge
- Tested to cycle count Australian Standards requirements
- Adjustable closing speed with European dampeners providing a soft close action
- Cone cap incorporated on bottom hinge for anti-toe hold
- Suits 10 or 12mm thick glass gates (max 45kg)



Square post hinge cut out specification

Glass cut outs at top & bottom of gate





PSC-120W & PSC-120PLATE-SP shown above

NOTE: DRAWINGS ARE NOT TO SCALE

POLARIS SOFT CLOSE HINGES

Backing plates are sold separately! You must purchase glass to wall hinges as well as the round post backing plates. Simply unscrew and remove the existing wall plates and replace with the round post backing plates.

Glass to round post backing plates

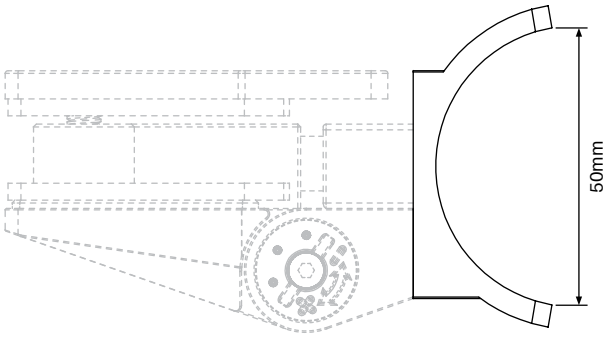
120 SERIES

SS2205

Polish or satin finish (not available in matt black)

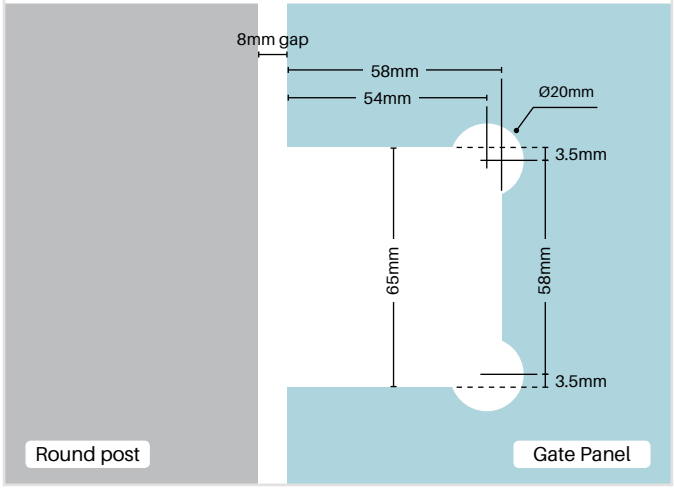
Order Code: **PSC-120PLATE-RP-P (Polish)**
PSC-120PLATE-RP-S (Satin)

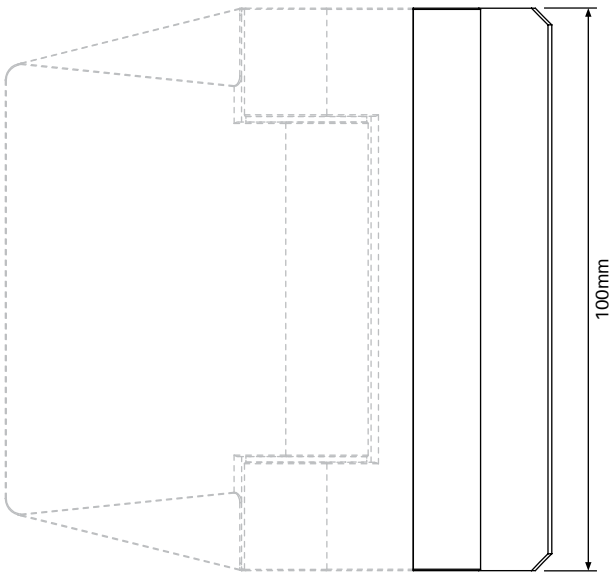
- 2205 grade stainless steel
- Backing plate suits a Ø50mm round post
- 2x fixing holes to post
- Hinge can be installed while glass gate is in place
- Self closing pool fence compliant safety hinge
- Tested to cycle count Australian Standards requirements
- Adjustable closing speed with European dampeners providing a soft close action
- Cone cap incorporated on bottom hinge for anti-toe hold
- Suits 10 or 12mm thick glass gates (max 45kg)



Round post hinge cut out specification

Glass cut outs at top & bottom of gate



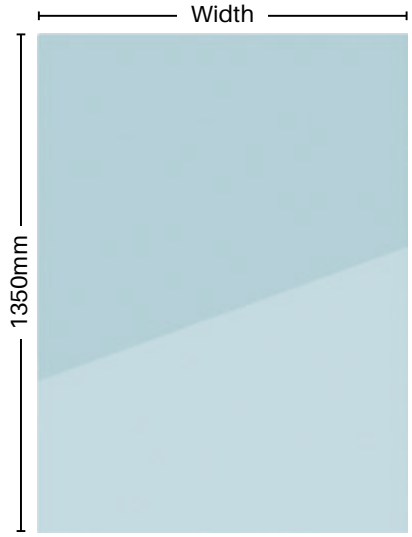


PSC-120W & PSC-120PLATE-RP shown above

NOTE: DRAWINGS ARE NOT TO SCALE

12MM CLEARGLAZE CHANNEL GLASS

For the minimalist look, Clearglaze channel glass is an ideal solution. Glass is grouted directly into the ground which removes the need for spigots. When preparing for new concrete pours, a slot can be left into which glass panels are inserted and then grouted in. For existing concrete areas, suitable concrete cutting can provide the required slot. Glass is 1350mm high to ensure the top of glass remains at 1200mm or more above finished floor level.



Order Code	Width	Height	Sqm	Weight
12CG-0800	800mm	1350mm	1.08	32kg
12CG-0900	900mm	1350mm	1.22	37kg
12CG-1000	1000mm	1350mm	1.35	41kg
12CG-1100	1100mm	1350mm	1.49	45kg
12CG-1200	1200mm	1350mm	1.62	49kg
12CG-1300	1300mm	1350mm	1.76	53kg
12CG-1400	1400mm	1350mm	1.89	57kg
12CG-1500	1500mm	1350mm	2.03	61kg
12CG-1600	1600mm	1350mm	2.16	65kg

12mm thick clear toughened

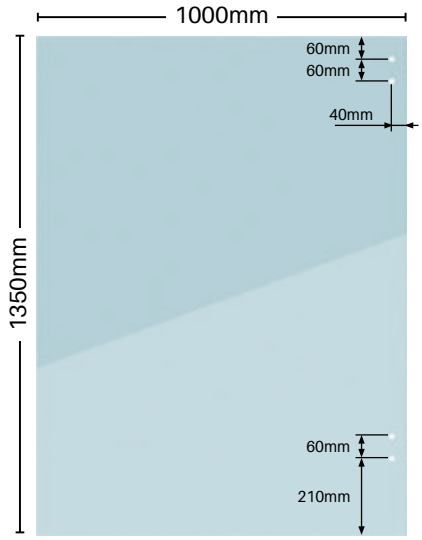
5mm radius corners

NOTE: DRAWINGS ARE NOT TO SCALE

12MM CLEARGLAZE CHANNEL GLASS

To complement the Clearglaze panel range, a 1000mm wide hinge panel is available to suit the Master Range and Polaris hinges. The hinge panel may be used in conjunction with multiple gate sizes to achieve your desired configuration.

Hinge panel to suit Master Range

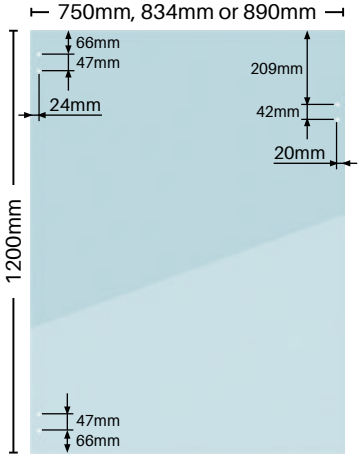


- 12mm thick clear toughened
- 5mm radius corners
- Suits master range hardware
- 4x Ø14mm holes

*Refer to pages 60-61 for installation details

Order Code	Sqm	Weight
12CGH-1000	1.35	41kg

Master range gates

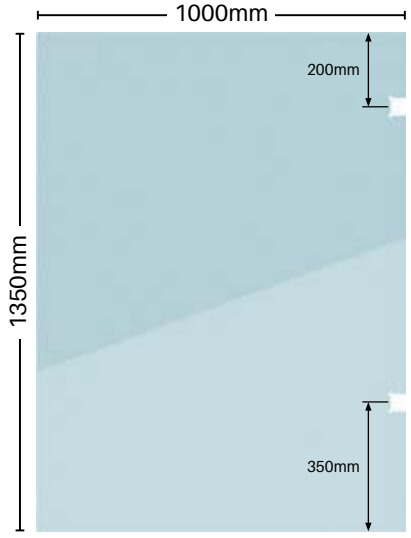


- 8mm thick clear toughened
- 2mm radius corners
- Suits master range hardware
- 6x Ø10mm holes

*Refer to pages 60-61 for installation details

Order Code	Sqm	Weight
08SLG-0750	0.90	18kg
08SLG-0834	1.00	20kg
08SLG-0890	1.07	21kg

Hinge panel to suit Polaris

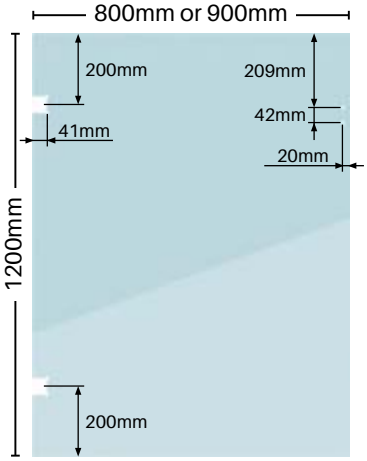


- 12mm thick clear toughened
- 5mm radius corners
- Suits Polaris hardware
- 2x hinge cut outs

*Refer to pages 60-61 for installation details

Order Code	Sqm	Weight
12CGPH-1000	1.35	41kg

Polaris gates



- 12mm thick clear toughened
- 5mm radius corners
- Suits Polaris hardware
- 2x hinge cut outs
- 2x Ø12mm holes

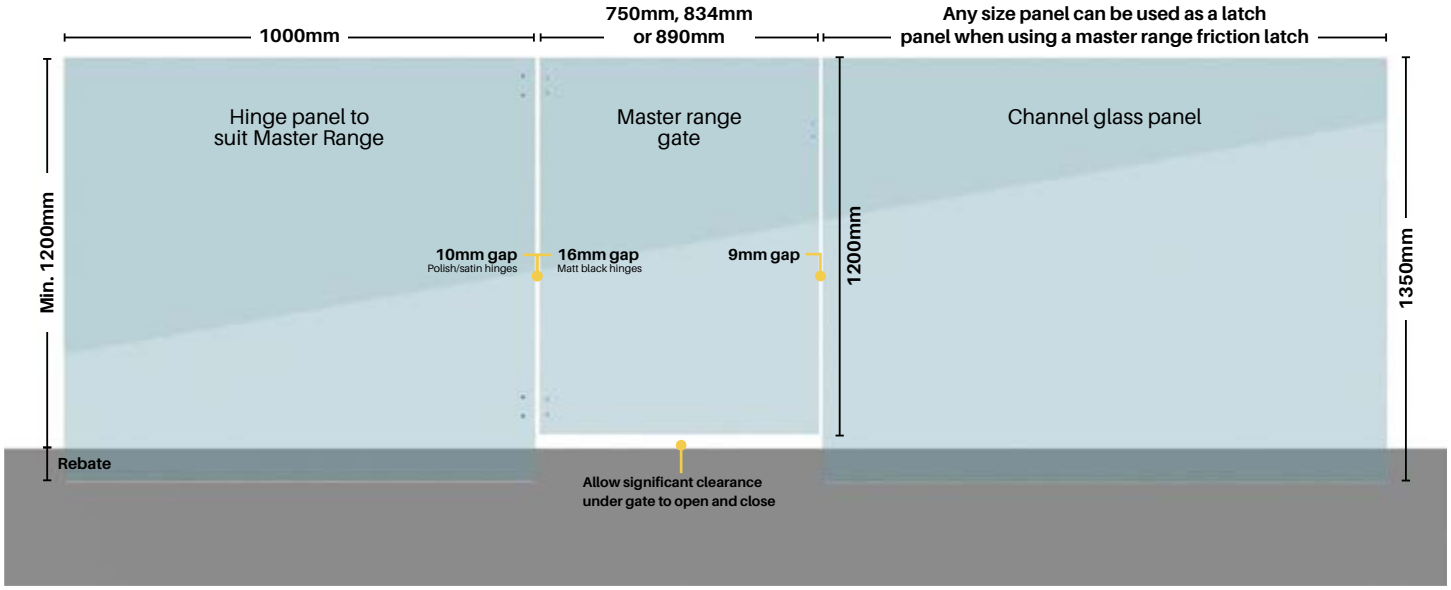
*Refer to pages 60-61 for installation details

Order Code	Sqm	Weight
12PGG-0800	0.96	29kg
12PGG-0900	1.08	32kg

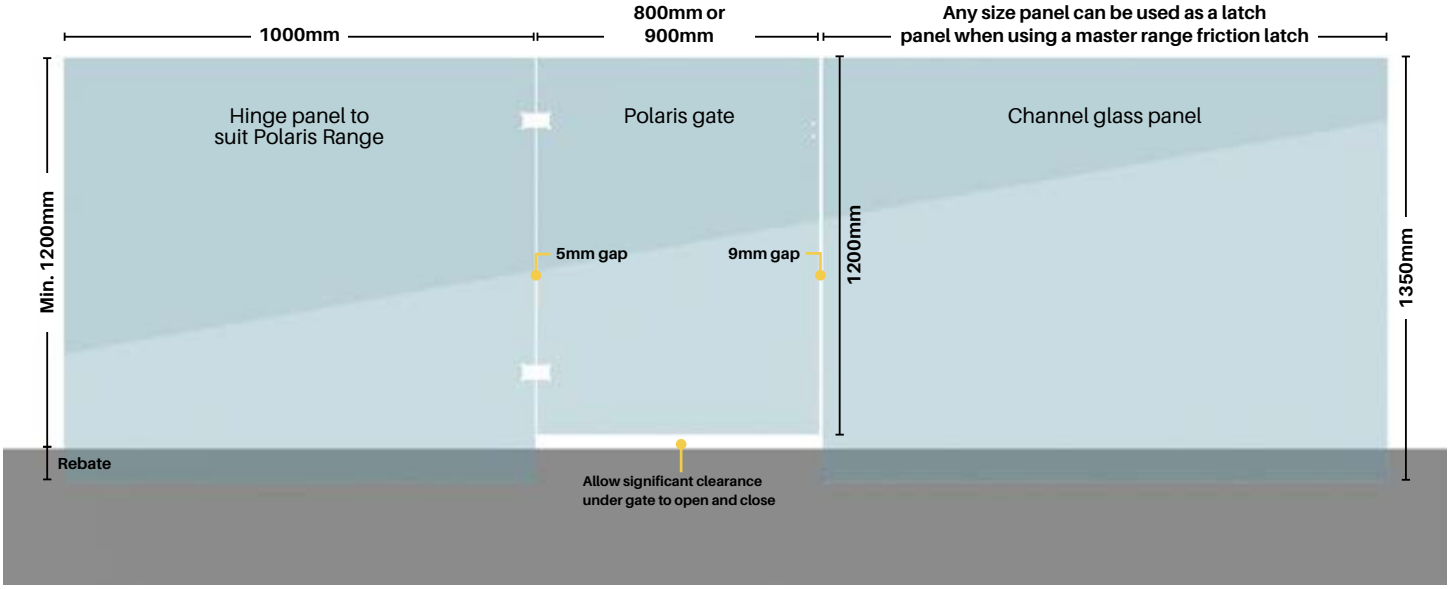
NOTE: DRAWINGS ARE NOT TO SCALE

CLEARGLAZE CHANNEL GLASS LAYOUTS

Layout for **Master Range** gate & hinge panel



Layout for **Polaris** gate & hinge panel

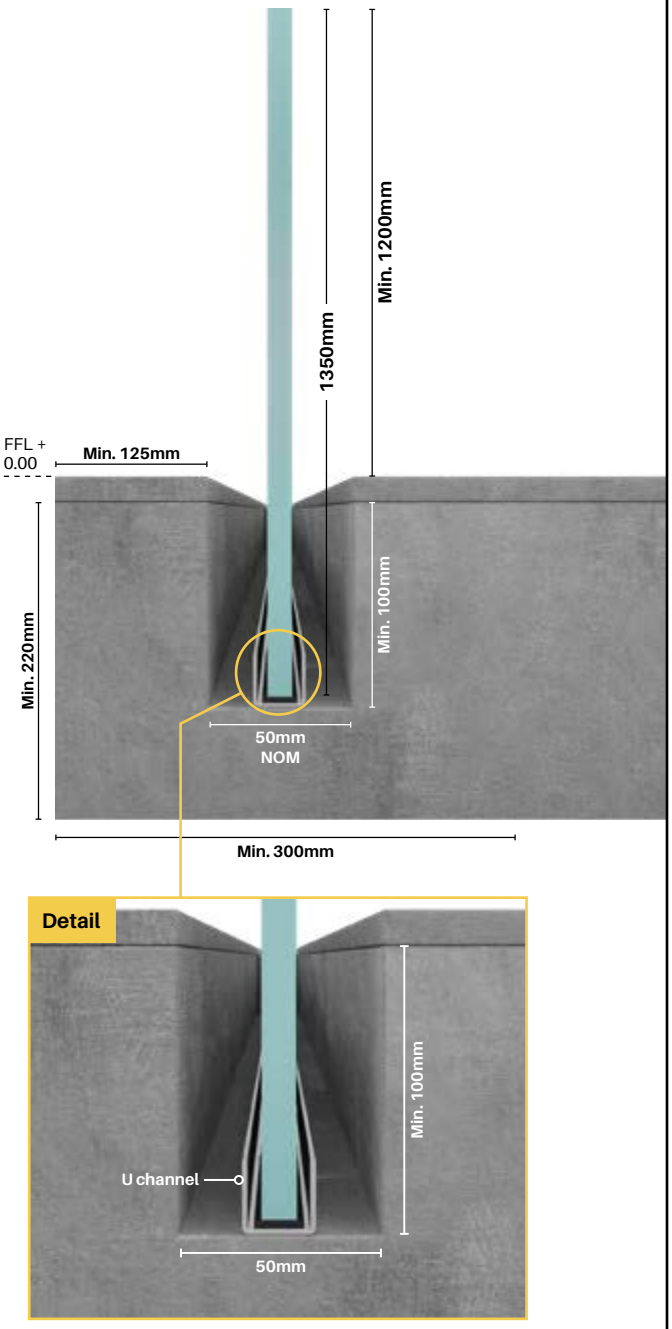


NOTE: DRAWINGS ARE NOT TO SCALE

CLEARGLAZE CHANNEL GLASS INSTALLATION

Frameless rebate information

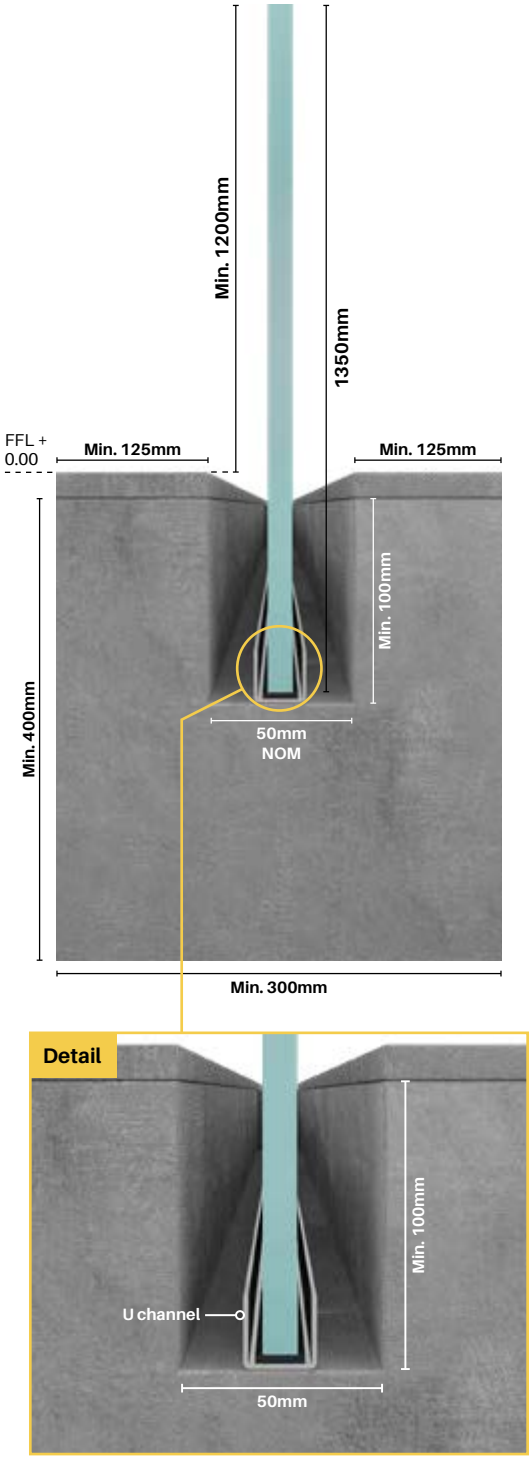
Concrete slab installation guide



(Use as a guide only as each installation situation is different)

! Any straight extrusion can be considered for U channel as it is only used as a straight guide for glass positioning. Ensure packers are used to separate glass from channel.
Consider using our mill finish aluminium U channel if required: XP-5800-U-M (5800mm long U channel)

Plinth installation guide



(Use as a guide only as each installation situation is different)

NOTE: DRAWINGS ARE NOT TO SCALE

GLASS STANDOFFS

Glass standoffs provide the ultimate finish in point fixing frameless glass panels.

Our glass standoffs are the highest quality and offer a range of installation advantages.

Made from precision machined 316 grade stainless steel, our standoffs are available in polish or satin finishes. Selected sizes are also available in matt black and matt white finishes. Specifically engineered for 12mm thick glass with a heavy duty 12mm M12 thread, our glass standoffs are ideally suited to any project.

Ø38mm x 12mm thick cap & Ø38mm body

Adjustable body from **23mm to 40mm**

unscrew to adjust standoff body length adjustable from 23-40mm

ADJUSTABLE

Ø38mm standoff with adjustable body

SS316

Polish or satin finish

Order Code: **GS38P-A (Polish)**
GS38S-A (Satin)

Adjustable length	Recommended glass hole size
23-40mm	ø20-22mm

- Ideal for fixing to uneven surfaces
- Maximum strength - entire standoff affixed to M12 threaded rod or lag screw
- Visually pleasing - adjustable section fits internal of body
- Kit includes: cap, body, 2x plastic washers & 1x bush

Ø50mm x 12mm thick cap & Ø50mm body

Adjustable body from **23mm to 40mm**

ADJUSTABLE

Ø50mm standoff with adjustable body

SS316

Polish or satin finish

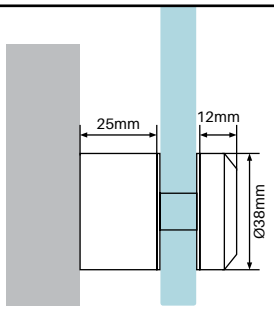
Order Code: **GS50P-A (Polish)**
GS50S-A (Satin)

Adjustable length	Recommended glass hole size
23-40mm	ø20-22mm

- Ideal for fixing to uneven surfaces
- Maximum strength - entire standoff affixed to M12 threaded rod or lag screw
- Visually pleasing - adjustable section fits internal of body
- Kit includes: cap, body, 2x plastic washers & 1x bush

NOTE: DRAWINGS ARE NOT TO SCALE

GLASS STANDOFFS

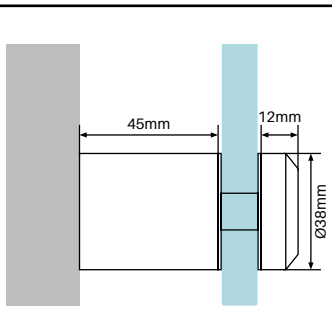


Ø38mm x 25mm body standoff

SS316

Polish, satin or matt black finish

Order Code: **GS3825P (Polish)**
GS3825S (Satin)
GS3825B (Matt black)



Ø38mm x 45mm body standoff

SS316

Polish, satin or matt black finish

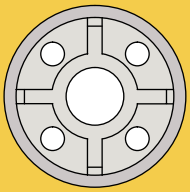
Order Code: **GS3845P (Polish)**
GS3845S (Satin)
GS3845B (Matt black)

- Heavy duty M12 threaded screw
- M12 threaded through the entire standoff body allows single M12 fixing for body and cap
- Precision machining on cap with beveled edge
- Suits 12mm thick glass
- Kit includes: cap, body, 2x plastic washers & 1x bush (fixing rod sold separately)
- Additional washers available to pack out body from wall

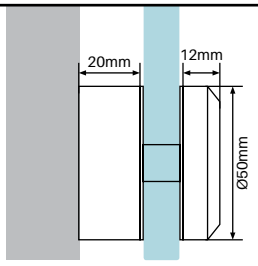
Recommended glass hole size
ø20mm

Standoff diameter
Ø38mm

Standoff back view



4x Ø5mm holes | **M12 centre thread**

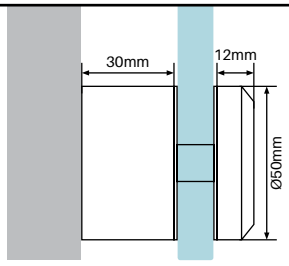


Ø50mm x 20mm body standoff

SS316

Polish, satin or matt black finish

Order Code: **GS5020P (Polish)**
GS5020S (Satin)
GS5020B (Matt black)

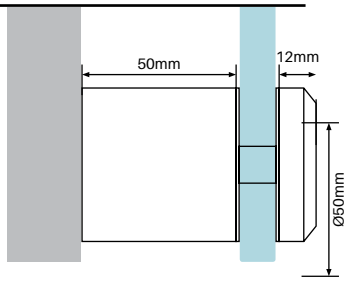


Ø50mm x 30mm body standoff

SS316

Polish, satin, matt black or matt white finish

Order Code: **GS5030P (Polish)**
GS5030S (Satin)
GS5030B (Matt black)
GS5030W (Matt white)



Ø50mm x 50mm body standoff

SS316

Polish, satin or matt black finish

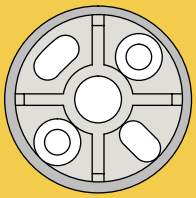
Order Code: **GS5050P (Polish)**
GS5050S (Satin)
GS5050B (Matt black)

- Heavy duty M12 threaded screw
- M12 threaded through the entire standoff body allows single M12 fixing for body and cap
- Precision machining on cap with beveled edge
- Additional fixing holes in body for extra rigidity if required
- Suits 12mm thick glass
- Kit includes: cap, body, 2x plastic washers and 1x bush (fixing rod sold separately)
- Additional washers available to pack out body from wall (sold separately)

Recommended glass hole size
ø20-22mm

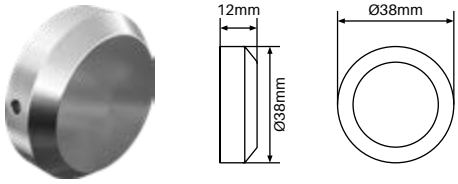
Standoff diameter
Ø50mm

Standoff back view



2x Ø6.5mm holes
2x 7x12mm slots
M12 centre thread

GLASS STANDOFF ACCESSORIES



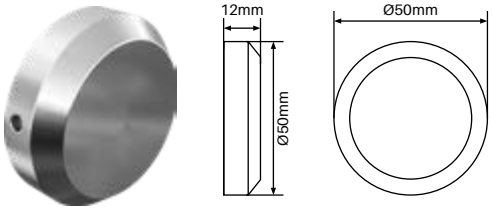
Ø38mm flat cap (cap only)

SS316

Polish or satin finish

Order Code: **GS38CAP-P (Polish)**
GS38CAP-S (Satin)

- Ø38mm cap - M12 thread
- Suits all 38mm body standoffs in our range
- 12mm thick with beveled edge



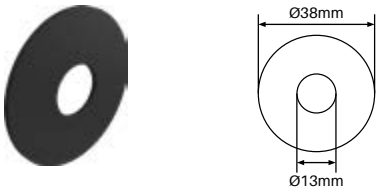
Ø50mm flat cap (cap only)

SS316

Polish or satin finish

Order Code: **GS50CAP-P (Polish)**
GS50CAP-S (Satin)

- Ø50mm cap - M12 thread
- Suits all 50mm body standoffs in our range
- 12mm thick with beveled edge



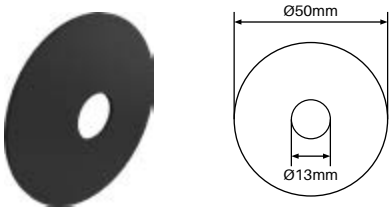
Ø38mm nylon washer

Black nylon

Polish or satin finish

Order Code: **GS38W**

- Allows for packing out from wall
- Suits all Ø38mm body standoffs in our range
- UV stabilised black plastic - 1mm thick



Ø50mm nylon washer

Black nylon

Polish or satin finish

Order Code: **GS50W**

- Allows for packing out from wall
- Suits all Ø50mm body standoffs in our range
- UV stabilised black plastic - 1mm thick

Standoff tool

SS316

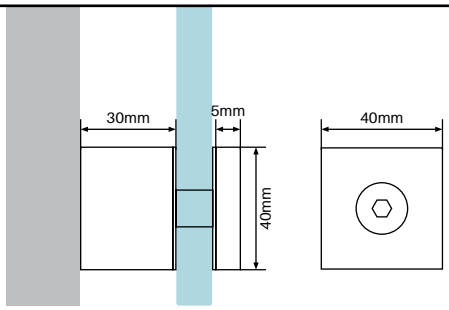
Order Code: **GSTOOL**

- Tighten or loosen Ø38mm & Ø50mm standoffs

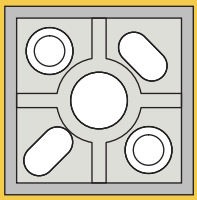
A versatile tool that allows for easy installation of 38mm and 50mm diameter standoffs. Simply rotate the tool to suit the standoff diameter size.

NOTE: DRAWINGS ARE NOT TO SCALE

SQUARE GLASS STANDOFFS



Standoff back view



2x Ø6.5mm holes
2x 6.5x12mm slots
M12 centre thread

40mm square cap x 30mm body standoff

SS316

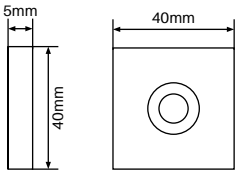
Polish or satin finish

Order Code: **GS4030P-SQ (Polish)**
GS4030S-SQ (Satin)

- Modern 40x40mm square front profile
- CSK front screw with allen key head ensures front cap is always affixed in a level square position
- Suits M12 fixings

Versatile fixing standoff design

In addition to central M12 fixing, 4x further fixing points can be internally accessed to provide extra rigidity, particularly for timber installations



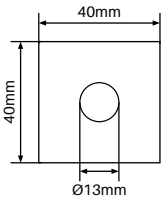
40x40mm flat cap (cap only)

SS316

Polish or satin finish

Order Code: **GS4040CAP-P (Polish)**
GS4040CAP-S (Satin)

- 40x40mm square cap
- Suits 40x30mm square standoff
- 5mm thick with CSK hole



40x40mm nylon washer

Black nylon

Order Code: **GS4040W**

- 40x40mm square washer
- Allows for packing out from wall
- UV stabilised black plastic - 1mm thick

NOTE: DRAWINGS ARE NOT TO SCALE

GLASS STANDOFF ACCESSORIES

93mm lag screw

SS304

Order Code: **GS093LAG**

- M12 thread with 12mm coach screw - Hex drive head
- Suits timber or composite material installation
- Suits all standoffs in our range

115mm lag screw

SS304

Order Code: **GS115LAG**

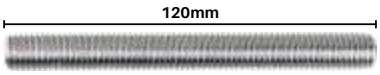
- M12 thread with 12mm coach screw - Hex drive head
- Suits timber or composite material installation
- Suits all standoffs in our range

160mm lag screw

SS304

Order Code: **GS160LAG**

- M12 thread with 12mm coach screw - Hex drive head
- Suits timber or composite material installation
- Suits all standoffs in our range

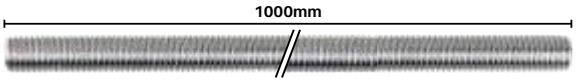


120mm threaded rod

SS304

Order Code: **GS120ROD**

- M12 thread - 120mm long
- Suits all standoffs in our range



1000mm threaded rod

SS304

Order Code: **GS1000ROD**

- M12 thread - 1000mm long
- Cut down to suit your required length
- Suits all standoffs in our range

The ideal combination of a threaded rod through a stainless steel body mounted onto a single rigid threaded screw or lag screw results in a strong and secure standoff fixing for your project.

NOTE: 50 x 50mm standoff must use 160mm lag screw to fit body & cap entirely onto the screw.

*40x40mm square standoff does not allow for above configuration

NOTE: DRAWINGS ARE NOT TO SCALE

RIGI CLAMPS

A contemporary clamp which acts as a brace between glass panels, providing extra rigidity to your fence.

We have an extensive range of RIGI clamps available to suit most installations.

Clamps are made from high quality stainless steel 316, available in polish, satin or matt black finish. The clamps are 'friction fit' meaning that the glass panels do not require pre-drilled holes for fitting.

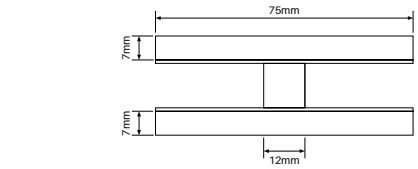
Small rigi clamp

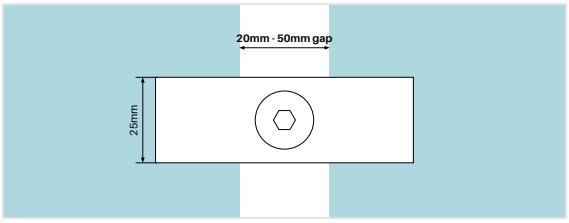
SS316

Polish, satin or matt black finish

Order Code: **GC-RIGIS-P (Polish)**
GC-RIGIS-S (Satin)
GC-RIGIS-B (Black)

- Friction fit rigi clamp
- Suits 12mm glass
- Ideal for panels with gaps between 20 - 50mm





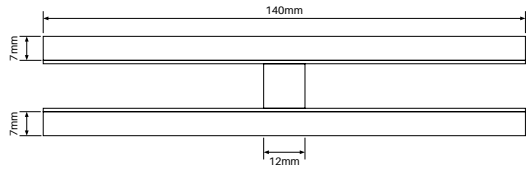
Large rigi clamp

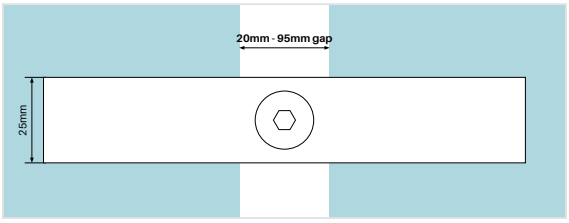
SS316

Polish, satin or matt black finish

Order Code: **GC-RIGIL-P (Polish)**
GC-RIGIL-S (Satin)
GC-RIGIL-B (Black)

- Friction fit rigi clamp
- Suits 12mm glass
- Ideal for panels with gaps between 20 - 95mm





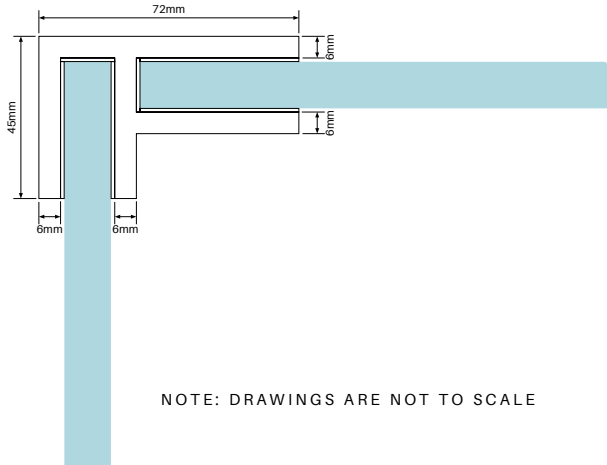
90 degree rigi clamp

SS316

Polish, satin or matt black finish

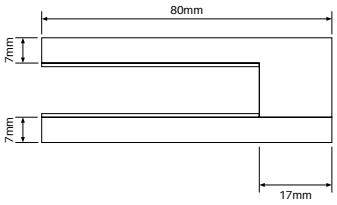
Order Code: **GC-RIGI90-P (Polish)**
GC-RIGI90-S (Satin)
GC-RIGI90-B (Black)

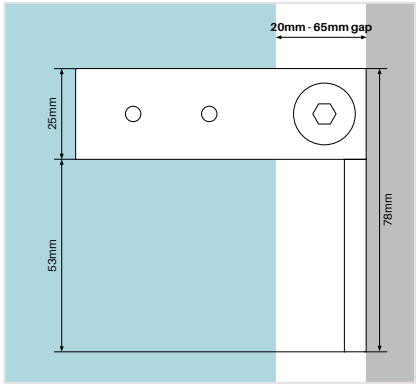
- Friction fit rigi clamp
- Suits 12mm glass



NOTE: DRAWINGS ARE NOT TO SCALE

RIGI CLAMPS





Wall rigi clamp

SS316

Polish, satin or matt black finish

Order Code: **GC-RIGIW-P (Polish)**
GC-RIGIW-S (Satin)
GC-RIGIW-B (Black)

- Friction fit rigi clamp
- Suits 12mm glass
- Brace glass to walls/posts
- 2x countersunk fixing holes to wall/post

Use for timber fixing!

Bugle batten screw

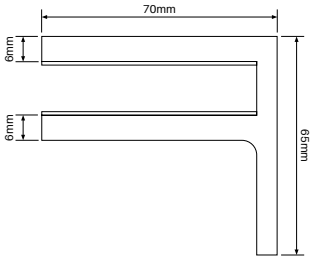
50mm long - hex head drive

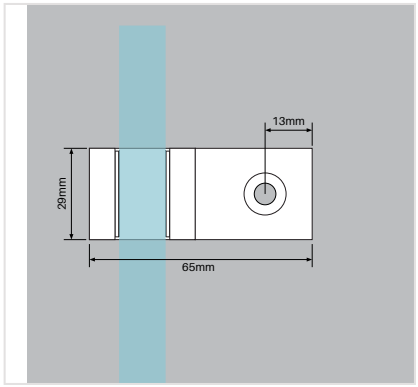
Polish or satin finish

Order Code: **CSK-050**

- SS316
- 14G x 50mm long with Ø11.5mm outer head

NEW!





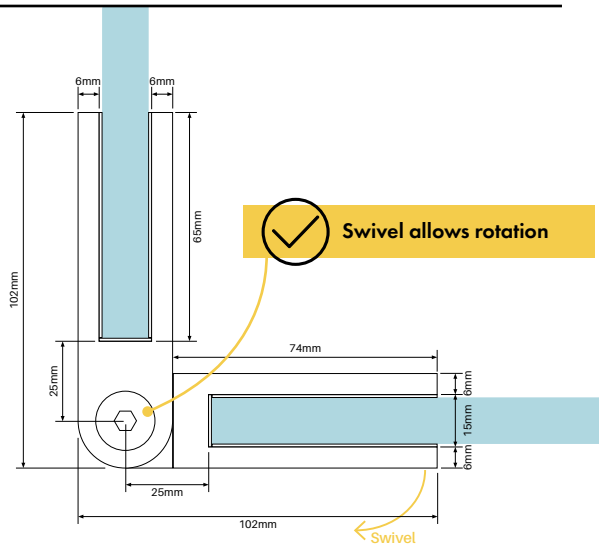
Offset wall rigi clamp

SS316

Polish, satin or matt black finish

Order Code: **GC-RIGIW-O-P (Polish)**
GC-RIGIW-O-S (Satin)
GC-RIGIW-O-B (Black)

- Friction fit rigi clamp
- Suits 12mm glass
- Brace glass to walls/posts
- Easy install with offset fixing - clamp can be added after glass is installed
- Rotate for left or right side fixing
- 1x countersunk hole for fixing to wall/post



Swivel rigi clamp

SS316

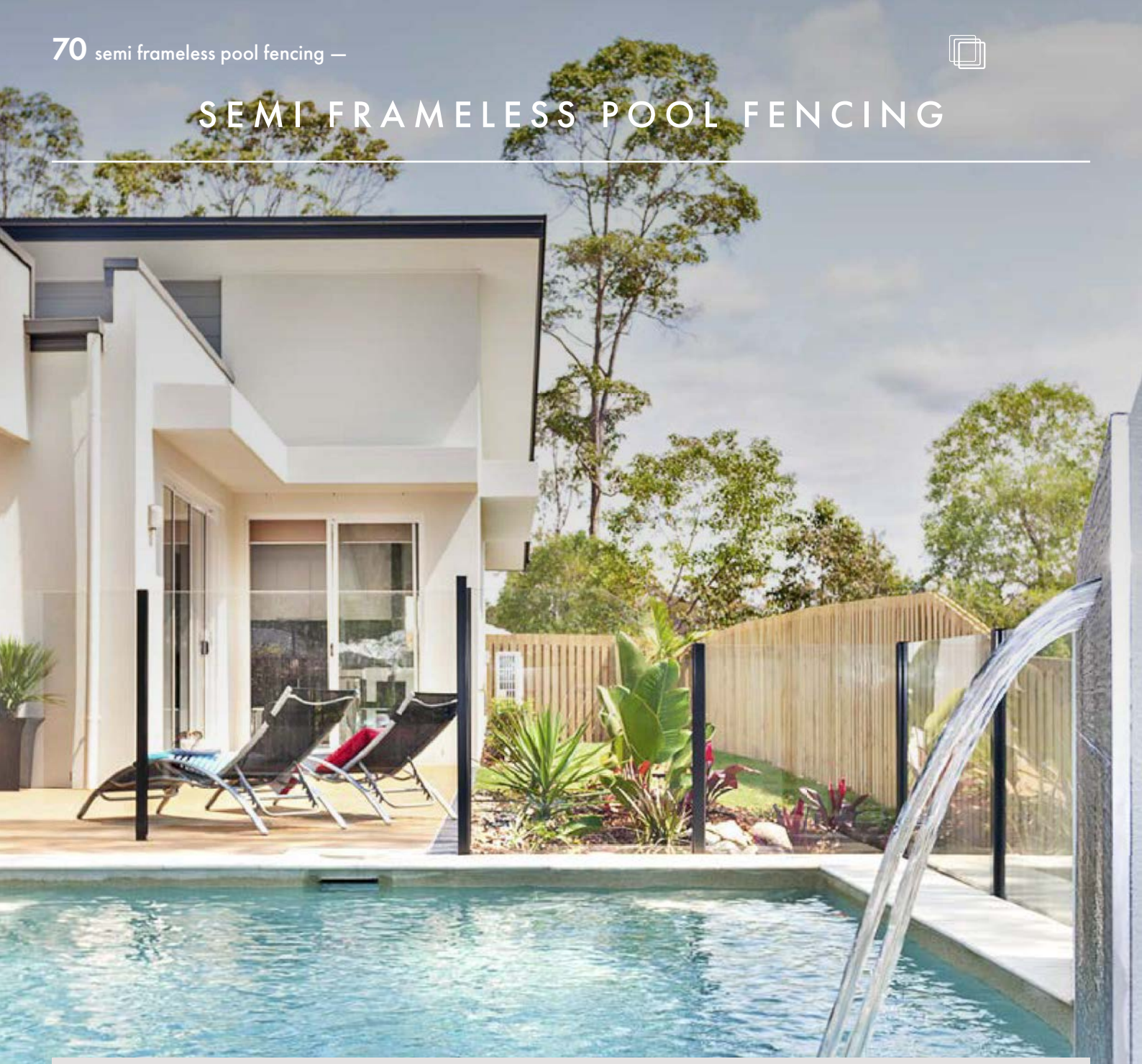
Polish, satin or matt black finish

Order Code: **GC-RIGISWIV-P (Polish)**
GC-RIGISWIV-S (Satin)
GC-RIGISWIV-B (Black)

- Friction fit rigi clamp
- Suits 12mm glass
- Multi angle rigi clamp - a great solution for variable angle installs

NOTE: DRAWINGS ARE NOT TO SCALE

SEMI FRAMELESS POOL FENCING



Semi frameless glass remains a popular and cost effective solution for pool fencing.

We have an extensive range of 1200mm high, 10mm thick clear toughened glass panels in incremental spans. Coupled with the Australis aluminium 50mm square post range and our modular glass gates, a visually stunning semi-frameless pool fence project can be easily completed.

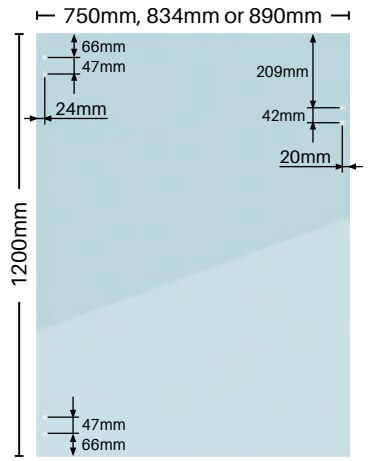
The Australis aluminium range features a captive wedge glazing system which enables fast installation. Only one side of the glass requires glazing as the other side of the post has a simple slide in captive wedge which is inserted before the glass is lowered into position. Deep glazing pockets in the posts enable extra adjustment when installing panels.

Our range of modular glass widths have been designed to enable easy calculation of 'centre to centre' of posts when planning a job (instead of having to determine the effect of aluminum posts on panel spans). For example, a 984mm wide panel is 1000mm from centre to centre of Australis posts; a 1534mm panel of glass is 1550mm 'centre to centre' of post and so on. Refer to page 74 for information.

Glass Outlet's semi-frameless system offers the highest quality products while ensuring the fastest and easiest installation possible.

NOTE: DRAWINGS ARE NOT TO SCALE

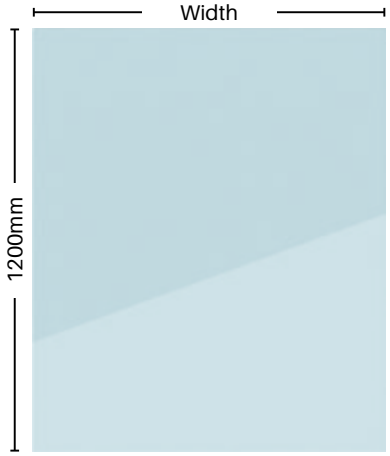
8MM MASTER RANGE GATE PANELS



- 8mm thick clear toughened
- 2mm radius corners
- Suits master range hardware
- 6x Ø10mm holes

Order Code	Width	Height	Sqm	Weight
08SLG-0750	750mm	1200mm	0.90	18kg
08SLG-0834	834mm	1200mm	1.00	20kg
08SLG-0890	890mm	1200mm	1.07	21kg

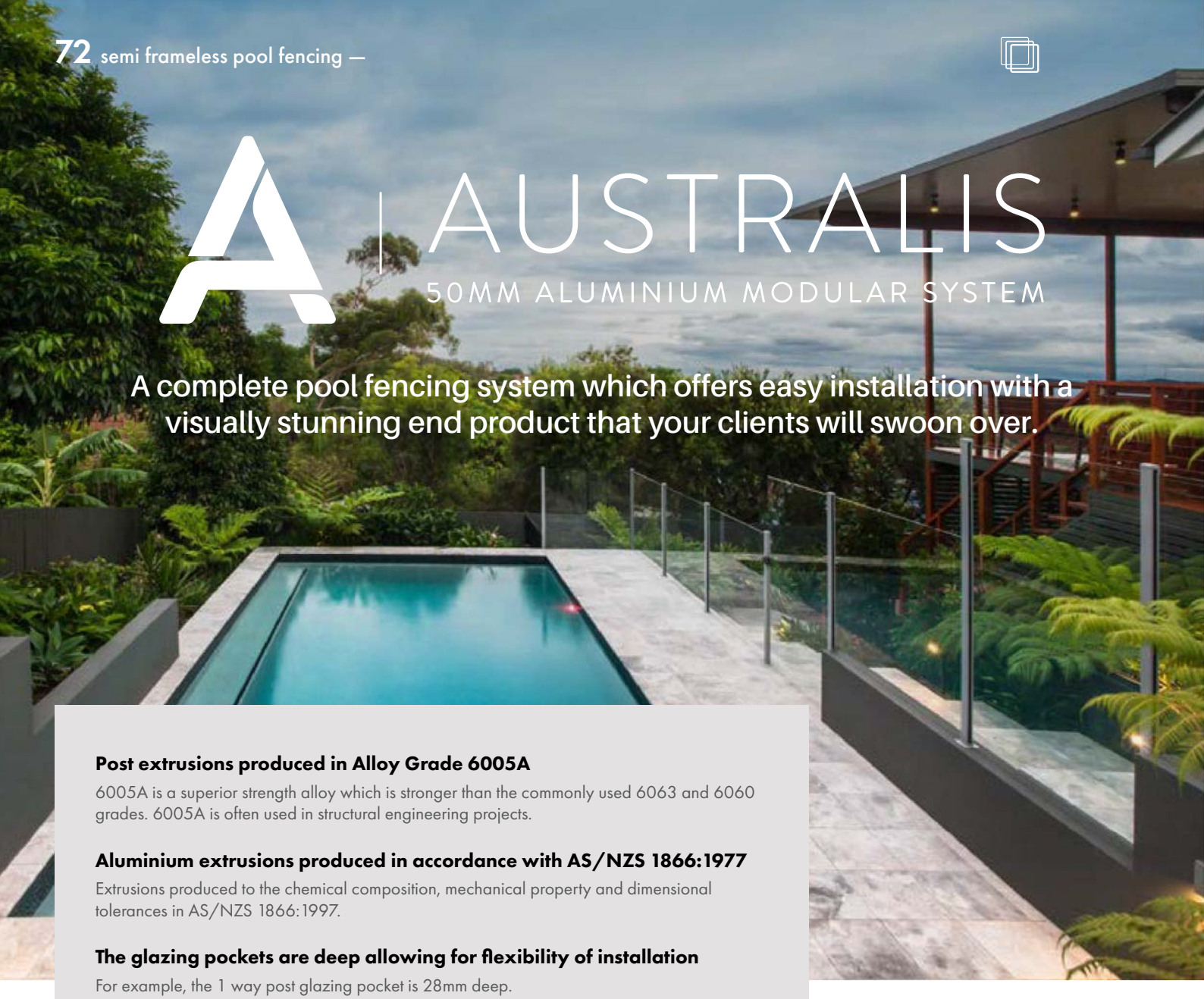
10MM SEMI FRAMELESS PANELS



- 10mm thick clear toughened
- 2mm radius corners
- Suits Australis range posts
- No hole toughened glass
- Grade 'A' toughened glass
- Australian standards compliant AS/NZS2208
- Corner protectors in packing

Order Code	Width	Height	Sqm	Weight	Suggested post centres
10SF-0384	384mm	1200mm	0.46	12kg	**395mm - 405mm**
10SF-0484	484mm	1200mm	0.58	15kg	**495mm - 505mm**
10SF-0584	584mm	1200mm	0.70	18kg	**595mm - 605mm**
10SF-0684	684mm	1200mm	0.82	21kg	**695mm - 705mm**
10SF-0784	784mm	1200mm	0.94	24kg	**795mm - 805mm**
10SF-0884	884mm	1200mm	1.06	27kg	**895mm - 905mm**
10SF-0984	984mm	1200mm	1.18	30kg	**995mm - 1005mm**
10SF-1034	1034mm	1200mm	1.24	31kg	**1045mm - 1055mm**
10SF-1084	1084mm	1200mm	1.30	33kg	**1095mm - 1105mm**
10SF-1134	1134mm	1200mm	1.36	34kg	**1145mm - 1155mm**
10SF-1184	1184mm	1200mm	1.42	36kg	**1195mm - 1205mm**
10SF-1234	1234mm	1200mm	1.48	37kg	**1245mm - 1255mm**
10SF-1284	1284mm	1200mm	1.54	39kg	**1295mm - 1305mm**
10SF-1334	1334mm	1200mm	1.60	40kg	**1345mm - 1355mm**
10SF-1384	1384mm	1200mm	1.66	42kg	**1395mm - 1405mm**
10SF-1434	1434mm	1200mm	1.72	43kg	**1445mm - 1455mm**
10SF-1484	1484mm	1200mm	1.78	45kg	**1495mm - 1505mm**
10SF-1534	1534mm	1200mm	1.84	46kg	**1545mm - 1555mm**
10SF-1584	1584mm	1200mm	1.90	48kg	**1595mm - 1605mm**
10SF-1634	1634mm	1200mm	1.96	49kg	**1645mm - 1655mm**
10SF-1684	1684mm	1200mm	2.02	51kg	**1695mm - 1705mm**
10SF-1734	1734mm	1200mm	2.08	52kg	**1745mm - 1755mm**
10SF-1784	1784mm	1200mm	2.14	54kg	**1795mm - 1805mm**
10SF-1834	1834mm	1200mm	2.20	55kg	**1845mm - 1855mm**
10SF-1884	1884mm	1200mm	2.26	57kg	**1895mm - 1905mm**
10SF-1934	1934mm	1200mm	2.32	58kg	**1945mm - 1955mm**
10SF-1984	1984mm	1200mm	2.38	60kg	**1995mm - 2005mm**

NOTE: DRAWINGS ARE NOT TO SCALE



AUSTRALIS

50MM ALUMINIUM MODULAR SYSTEM

A complete pool fencing system which offers easy installation with a visually stunning end product that your clients will swoon over.

Post extrusions produced in Alloy Grade 6005A

6005A is a superior strength alloy which is stronger than the commonly used 6063 and 6060 grades. 6005A is often used in structural engineering projects.

Aluminium extrusions produced in accordance with AS/NZS 1866:1977

Extrusions produced to the chemical composition, mechanical property and dimensional tolerances in AS/NZS 1866:1997.

The glazing pockets are deep allowing for flexibility of installation

For example, the 1 way post glazing pocket is 28mm deep.

Captive wedge glazing system incorporated

Allows for increased speed of installation by requiring only the inner glass face to be manually glazed.

Screw flutes in glazing posts

Screw flutes strategically incorporated into the glazing post enable a range of installation advantages such as being able to screw fix a handrail, screw-fix base plates for pool fencing installation & enable top caps to be pressed securely in place to name a few key advantages. The Australis system with screw flutes minimises need for welding. Pre-welded base plated posts are available for fast assembly.

Standards Compliance for Pool Fencing and Balustrade

We have undertaken testing with **NATA approved authorities** to ensure compliance to load considerations are satisfied.

Genuine Interpon Powder used

Genuine Interpon powder is used for the silver and black finishes with Interpon manufacturer warranties provided.

ISO 9001 accredited industry leading extrusion manufacturing factory

These are guidelines that provide a comprehensive model for quality management systems with the objective to consistently produce top quality products.

Interpon gold accredited Australian powder coat line

Powder coat colours

Black Satin
GN150A

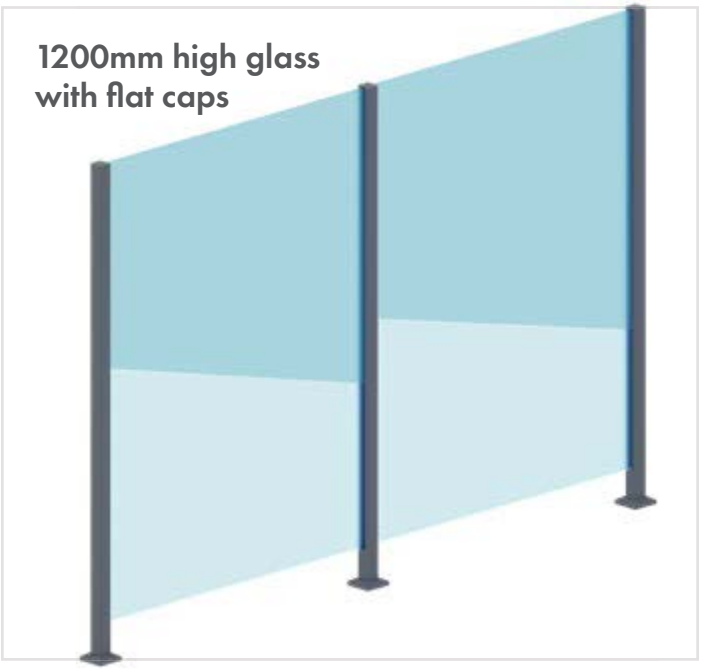
Palladium Silver
GY184C

NATA

Interpon D1000 Residential
10 YEARS
Bronze
GLOBAL WARRANTY

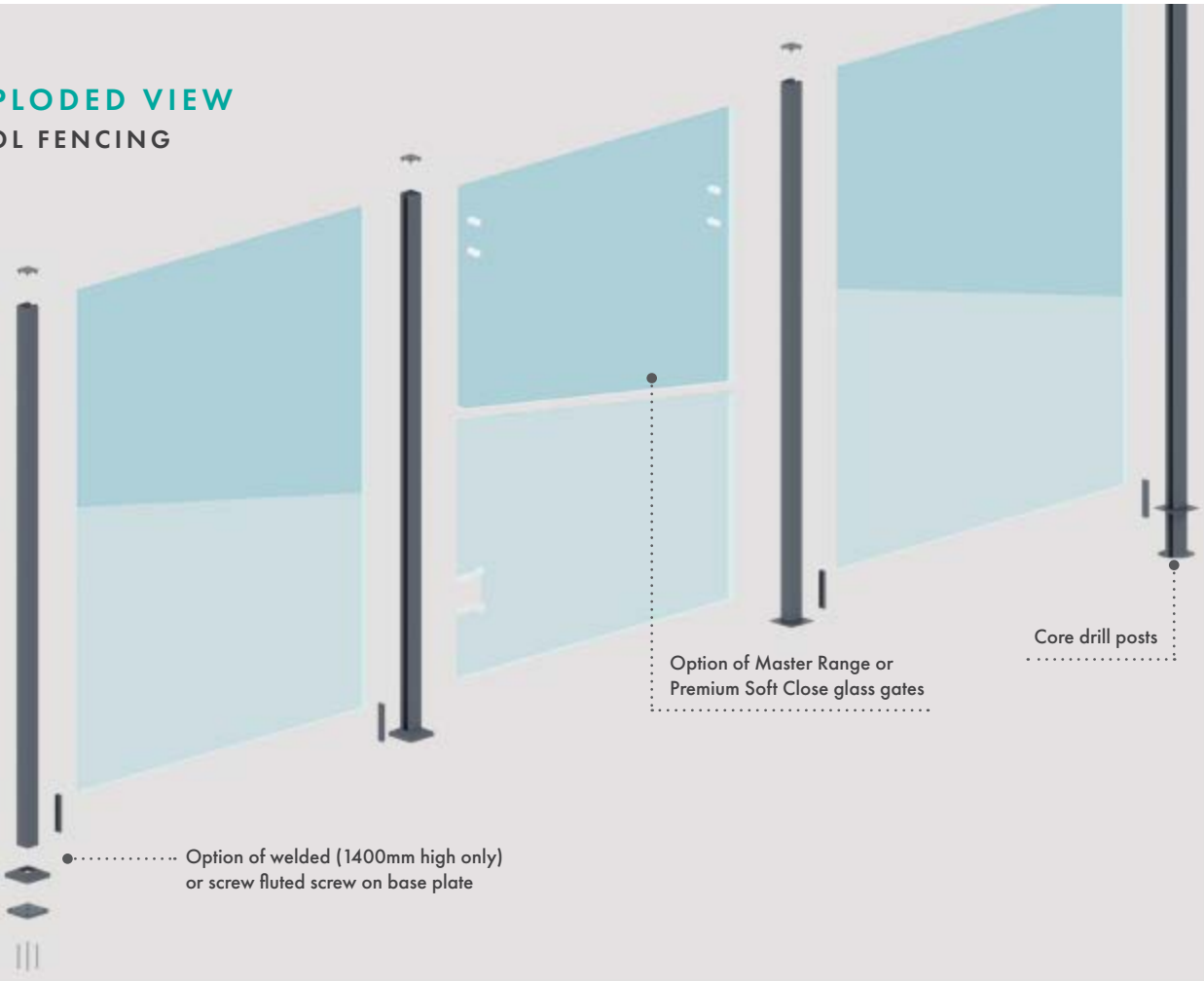
EXTRUSION RANGE

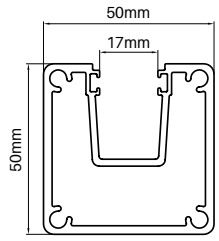
1200mm high glass with flat caps



1200mm high glass with notched caps

EXPLODED VIEW
POOL FENCING





AP: 269
PP:200

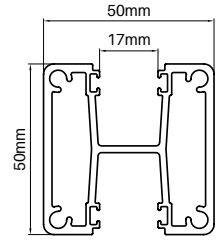
One way post

28mm glazing pocket depth

Satin black, palladium silver or mill finish

Order Code: **A50-1150-1W-B/S/M (1150mm high)**
A50-1400-1W-B/S/M (1400mm high)
A50-1800-1W-B/S/M (1800mm high)
A50-5800-1W-B/S/M (5800mm high)

- Alloy 6005A - 2.5mm wall thickness
- Screw flutes to screw on base plate
- Suitable for 8mm, 10mm or 12mm thick toughened glass
- 1150mm, 1400mm, 1800mm or 5800mm high
  (Aluminium top cap included with all posts except 5800mm high)



AP: 329
PP: 200

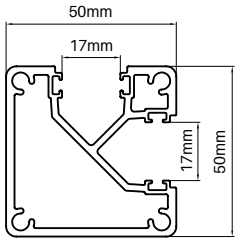
Two way post

24mm glazing pocket depth

Satin black, palladium silver or mill finish

Order Code: **A50-1150-2W-B/S/M (1150mm high)**
A50-1400-2W-B/S/M (1400mm high)
A50-1800-2W-B/S/M (1800mm high)
A50-5800-2W-B/S/M (5800mm high)

- Alloy 6005A - 2.5mm wall thickness
- Screw flutes to screw on base plate
- Suitable for 8mm, 10mm or 12mm thick toughened glass
- 1150mm, 1400mm, 1800mm or 5800mm high
  (Aluminium top cap included with all posts except 5800mm high)



AP: 308
PP: 200

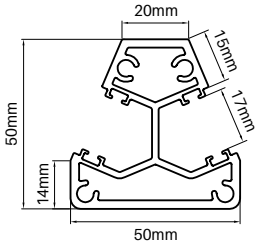
90° corner post

17mm glazing pocket depth

Satin black, palladium silver or mill finish

Order Code: **A50-1150-90-B/S/M (1150mm high)**
A50-1400-90-B/S/M (1400mm high)
A50-1800-90-B/S/M (1800mm high)
A50-5800-90-B/S/M (5800mm high)

- Alloy 6005A - 2.5mm wall thickness
- Screw flutes to screw on base plate
- Suitable for 8mm, 10mm or 12mm thick toughened glass
- 1150mm, 1400mm, 1800mm or 5800mm high
  (Aluminium top cap included with all posts except 5800mm high)



AP: 293
PP: 132

135° corner post

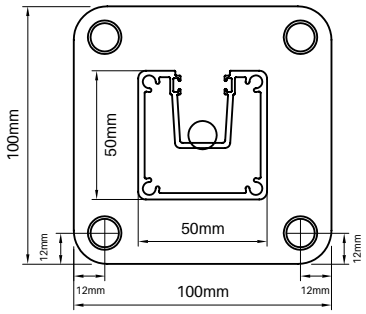
16mm glazing pocket depth

Satin black, palladium silver or mill finish

Order Code: **A50-1150-135-B/S/M (1150mm high)**
A50-1400-135-B/S/M (1400mm high)
A50-1800-135-B/S/M (1800mm high)
A50-5800-135-B/S/M (5800mm high)

- Alloy 6005A - 2.5mm wall thickness
- Screw flutes to screw on base plate
- Suitable for 8mm, 10mm or 12mm thick toughened glass
- 1150mm, 1400mm, 1800mm or 5800mm high
  (Aluminium top cap included with all posts except 5800mm high)

NOTE: DRAWINGS ARE NOT TO SCALE



Welded base plate

One way base plated post

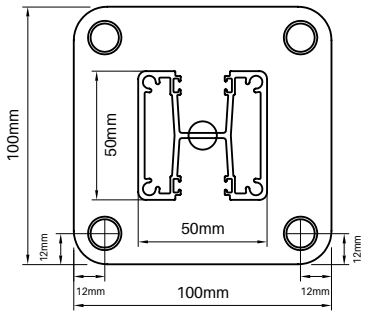
28mm glazing pocket depth

Satin black, palladium silver or mill finish

Order Code: **A50-1400-1WBP-B/S/M (1400mm high)**

- Alloy 6005A - 2.5mm wall thickness
- 10mm thick base plate with 4x Ø11mm holes welded to post
- Slimline domical cover available
- Suitable for 8mm, 10mm or 12mm thick glass
- 1400mm high (Aluminium top cap included)

1800mm base plated posts also available. Purchase 1800mm post plus separate base plate and screw together. Refer to page 72 for screws and base plate



Welded base plate

Two way base plated post

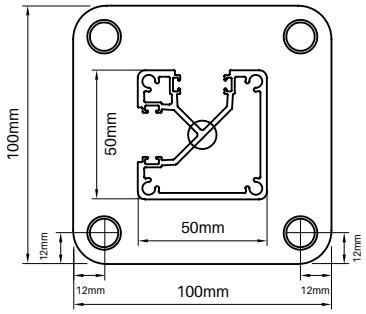
24mm glazing pocket depth

Satin black, palladium silver or mill finish

Order Code: **A50-1400-2WBP-B/S/M (1400mm high)**

- Alloy 6005A - 2.5mm wall thickness
- 10mm thick base plate with 4x Ø11mm holes welded to post
- Slimline domical cover available
- Suitable for 8mm, 10mm or 12mm thick glass
- 1400mm high (Aluminium top cap included)

1800mm base plated posts also available. Purchase 1800mm post plus separate base plate and screw together. Refer to page 72 for screws and base plate



Welded base plate

90° corner base plated post

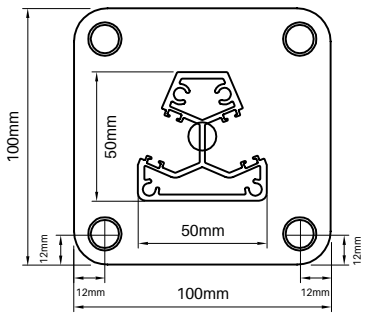
17mm glazing pocket depth

Satin black, palladium silver or mill finish

Order Code: **A50-1400-90BP-B/S/M (1400mm high)**

- Alloy 6005A - 2.5mm wall thickness
- 10mm thick base plate with 4x Ø11mm holes welded to post
- Slimline domical cover available
- Suitable for 8mm, 10mm or 12mm thick glass
- 1400mm high (Aluminium top cap included)

1800mm base plated posts also available. Purchase 1800mm post plus separate base plate and screw together. Refer to page 72 for screws and base plate



Welded base plate

135° corner base plated post

16mm glazing pocket depth

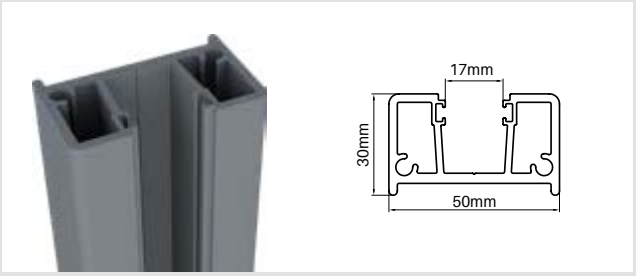
Satin black, palladium silver or mill finish

Order Code: **A50-1400-135BP-B/S/M (1400mm high)**

- Alloy 6005A - 2.5mm wall thickness
- 10mm thick base plate with 4x Ø11mm holes welded to post
- Slimline domical cover available
- Suitable for 8mm, 10mm or 12mm thick glass
- 1400mm high (Aluminium top cap included)

1800mm base plated posts also available. Purchase 1800mm post plus separate base plate and screw together. Refer to page 72 for screws and base plate

NOTE: DRAWINGS ARE NOT TO SCALE



Half post

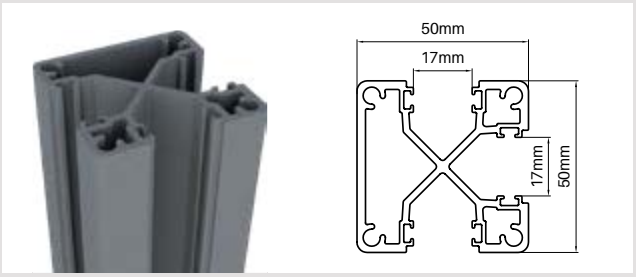
23.5mm glazing pocket depth

Satin black, palladium silver or mill finish

Order Code:

A50-1400-HALF-B/S/M (1400mm high)
A50-1800-HALF-B/S/M (1800mm high)
A50-5800-HALF-B/S/M (5800mm high)

- Alloy 6005A - 2.5mm wall thickness
- Suitable for 8mm, 10mm or 12mm thick glass
- 1400mm, 1800mm or 5800mm high (Aluminium top cap included with all posts except 5800mm high)



Three way post

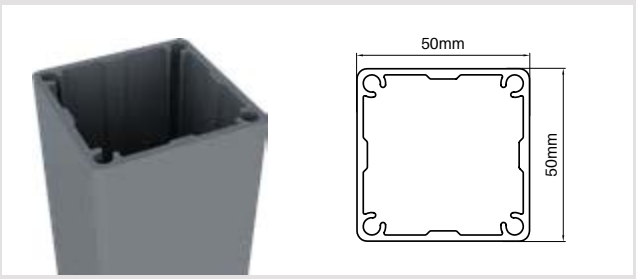
16mm glazing pocket depth

Satin black, palladium silver or mill finish

Order Code:

A50-5800-3W-B/S/M (5800mm high)

- Alloy 6005A - 2.5mm wall thickness
- Screw flutes to screw on base plate if required
- Suitable for 8mm, 10mm or 12mm thick glass
- 5800mm high only



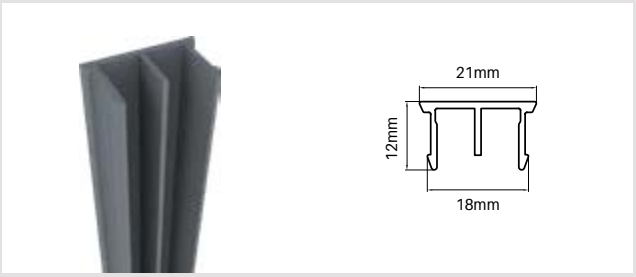
Full post

Satin black, palladium silver or mill finish

Order Code:

XP-2400-FP-B/S/M (2400mm high)
XP-6000-FP-B/S/M (6000mm high)

- Alloy 6063 - Temper: T6
- 1.8mm wall thickness with 3mm ribs
- Screw flutes to screw on base plate if required
- No glazing pocket in post
- 2400mm or 6000mm high (Aluminium top cap included with 2400mm high post)



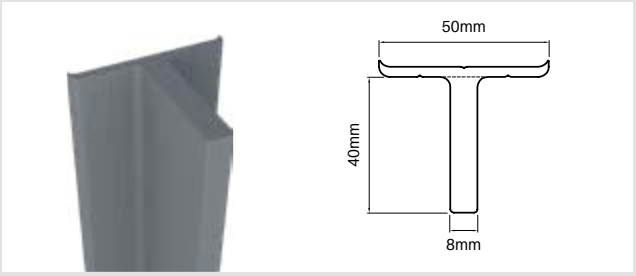
Post infill

Satin black, palladium silver or mill finish

Order Code:

A50-1400-INF-B/S/M (1400mm high)
A50-2800-INF-B/S/M (2800mm high)

- Alloy 6063 - Temper: T6
- Infill suits all Australis glazing posts
- Snap-in infill to set start point of glass height
- 1400mm or 2800mm high



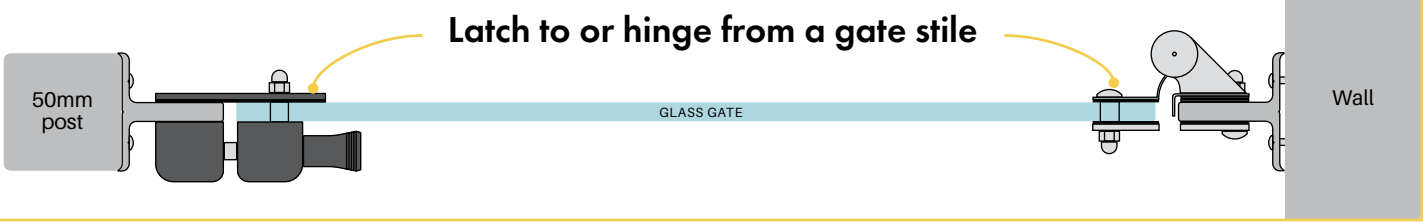
Gate stile

Satin black, palladium silver or mill finish

Order Code:

A50-1400-GS-B/S/M (1400mm high)

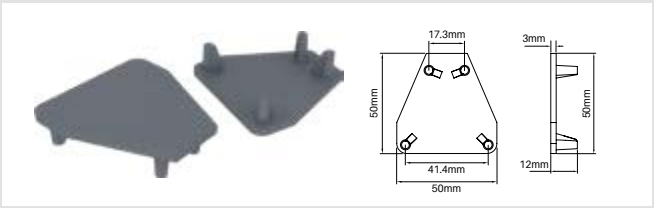
- Alloy 6063 - Temper: T6
- Can be affixed to Australis posts or a wall
- Use as a surface to hinge from or latch to



NOTE: DRAWINGS ARE NOT TO SCALE

Flat top plate
Satin black, palladium silver or mill finish
Order Code: **A50-TP-B/S/M**

- Aluminium flat top plate presses into post screw flutes for secure fixing with a flush fit
- Posts come with free top plate included (excluding 5800mm) - only purchase if extra top plates needed



Flat top plate - 135° post
Satin black, palladium silver or mill finish
Order Code: **A50-TP-135-B/S/M**

- Aluminium flat top plate presses into post screw flutes for secure fixing with a flush fit - suits 135° post
- Posts come with free top plate included (excluding 5800mm) - only purchase if extra top plates needed

Flat top plate - half post
Satin black, palladium silver or mill finish
Order Code: **A50-TP-HALF-B/S/M**

- Aluminium flat top plate presses into post screw flutes for secure fixing with a flush fit - suits half post
- Posts come with free top plate included (excluding 5800mm) - only purchase if extra top plates needed

Flat top plate with extended lip
Satin black, palladium silver or mill finish
Order Code: **A50-TP-L-B/S/M**

- Aluminium flat top plate presses into post screw flutes for secure fixing
- 5mm extended lip to hide any cut marks on top edge of post

Offset one way notched cap - extended lip
Satin black, palladium silver or mill finish
Order Code: **A50-OFF-1WC-B/S/M**

- Aluminium cap presses into post screw flutes for secure fixing
- Allows glass to extend past top of post
- 5mm lip covers any rough post cut marks

Offset two way notched cap - extended lip
Satin black, palladium silver or mill finish
Order Code: **A50-OFF-2WC-B/S/M**

- Aluminium cap presses into post screw flutes for secure fixing
- Allows glass to extend past top of post
- 5mm lip covers any rough post cut marks

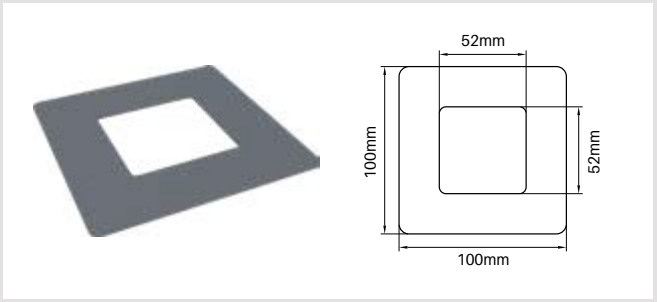
Offset 90° notched cap - extended lip
Satin black, palladium silver or mill finish
Order Code: **A50-OFF-90C-B/S/M**

- Aluminium cap presses into post screw flutes for secure fixing
- Allows glass to extend past top of post
- 5mm lip covers any rough post cut marks

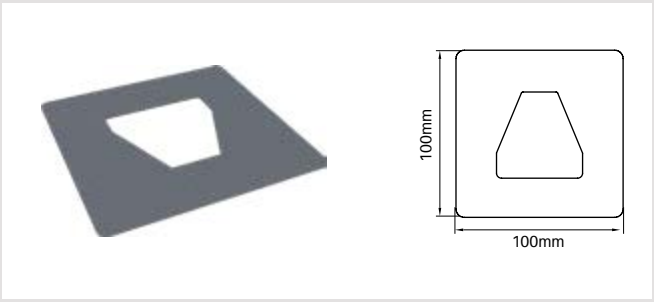
Sitting blocks - Pack of 20
Black nylon
Order Code: **A50-SB-20PK**

- Separates bottom edge of glass from aluminium infill
- 4mm thick - pack of 20
- Simply push into glazing pocket

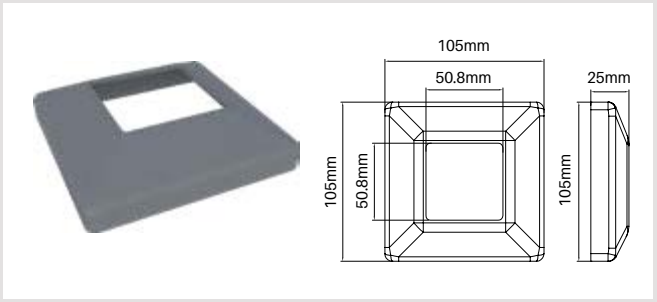
NOTE: DRAWINGS ARE NOT TO SCALE



Aluminium dress ring
Satin black, palladium silver or mill finish
Order Code: **A50-DR-B/S/M**
- Suits 1 way, 2 way, 90° and full core drill posts

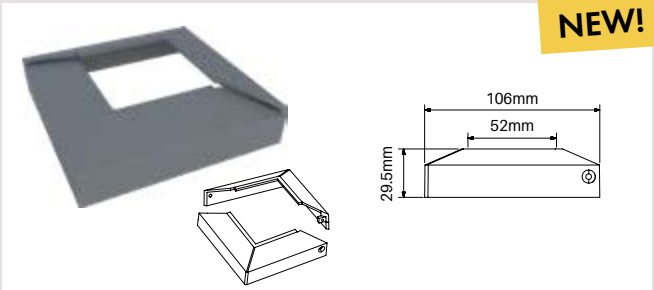


Aluminium 135° dress ring
Satin black, palladium silver or mill finish
Order Code: **A50-135DR-B/S/M**
- Suits 135° core drill posts



Domical cover
Satin black, palladium silver or mill finish
Order Code: **A50-DC-B/S/M**
- Alloy ADC12
- Suits all base plated posts

NEW!

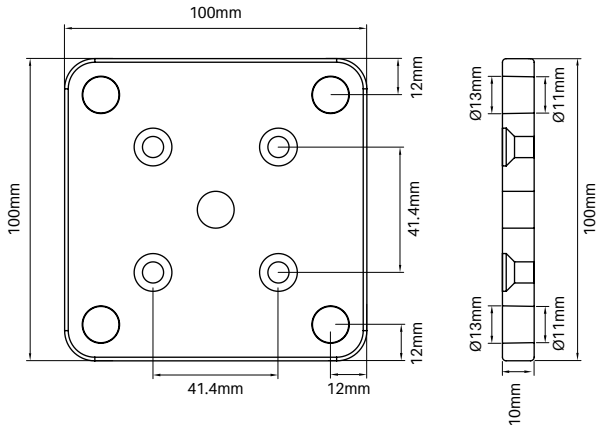


Two part domical cover
Satin black, palladium silver or mill finish
Order Code: **A50-DC-2P-B/S/M**
- Alloy ADC12 - Suits all base plated posts
- Can be fitted to posts after glass is installed - Discreet screws fixes two parts together around post and base plate

Square drive bit
Order Code: **A50-SQDRIVE**
- Sold as single drill bit
- Use 75mm CSK screws to affix base plated to posts
- Fits all standard drills

CSK 75mm long square drive
Order Code: **A50-CSK75-12G**
- 12G x 75mm long - SS304
- Pack of 100
- Use to affix base plate to posts

Suits full, 1 way, 2 way, 3 way & 90° posts

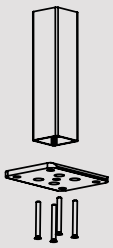


Aluminium base plate set

Satin black, palladium silver or mill finish

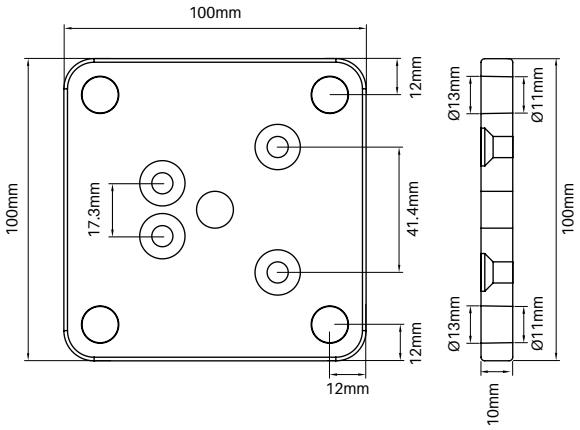
Order Code: **XP-BP-SET-B/S/M**

- Simply screw base plate onto core drill post
- Australis post extrusion specially designed with screw flutes
- 4x 12G x 75mm long CSK screws included in set
- Suitable for pool fencing load requirements



Screws included

Suits 135° posts

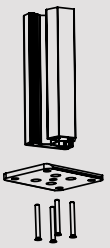


Aluminium 135° base plate (only)

Satin black, palladium silver or mill finish

Order Code: **A50-135BP-B/S/M**

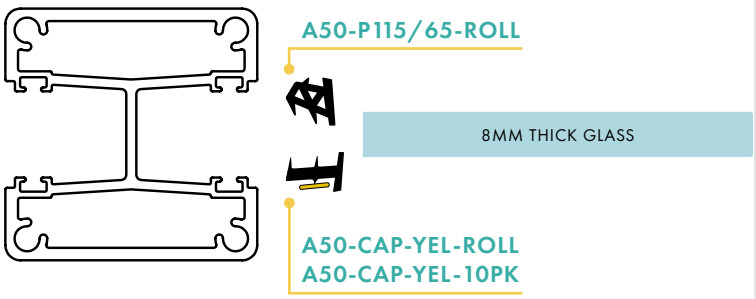
- Simply screw base plate onto 135° core drill post
- Use 4x 12G x 75mm long CSK square drive screws (sold separately: **A50-CSK75-12G**)
- Suitable for pool fencing load requirements



Screws sold separately

GLAZING RUBBER

8MM GLASS PANELS P115/65 & YELLOW CAPTIVE



P115/65 glazing rubber

Order Code: **A50-P115/65-ROLL (100m roll)**

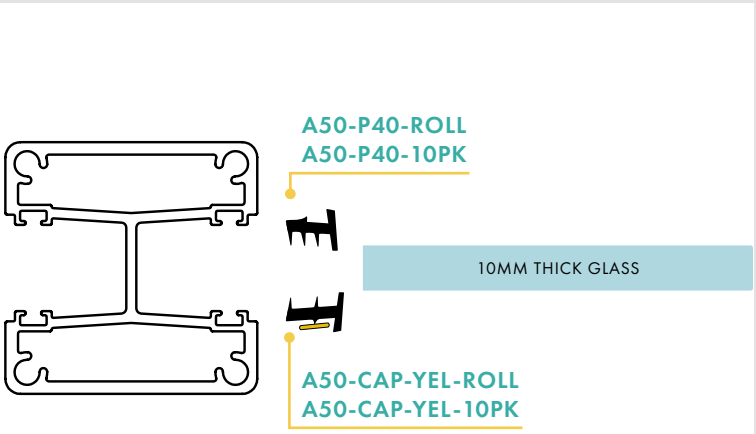
- Rubber glazed into 1 side of post extrusion pocket and/or glazing rail (opposite side to captive wedge rubber)
- Suits 8mm glass with Australis series

Yellow captive glazing rubber

Order Codes: **A50-CAP-YEL-ROLL (100m roll)**
A50-CAP-YEL-10PK (10 pack - 1300m lengths)

- Captive wedge rubber inserted into 1 side of post extrusion pocket and/or glazing rail
- Suits 8mm, 10mm or 12mm glass with Australis series

10MM GLASS PANELS P40 & YELLOW CAPTIVE



P40 glazing rubber

Order Codes: **A50-P40-ROLL (100m roll)**
A50-P40-10PK (10 pack - 1300m lengths)

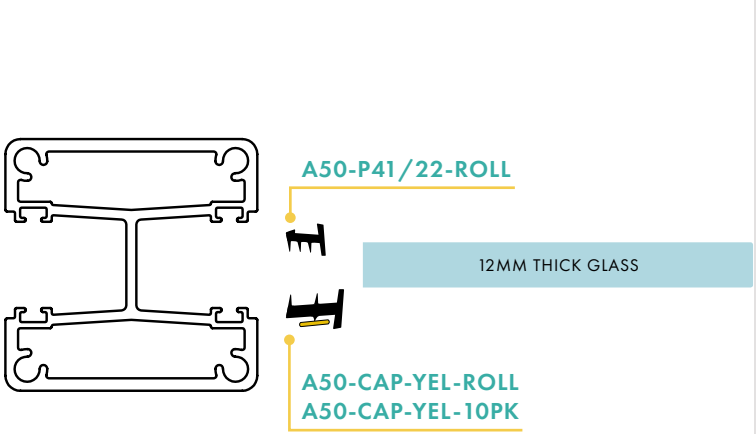
- Rubber glazed into 1 side of post extrusion pocket and/or glazing rail (opposite side to captive wedge rubber)
- Suits 10mm glass with Australis series

Yellow captive glazing rubber

Order Codes: **A50-CAP-YEL-ROLL (100m roll)**
A50-CAP-YEL-10PK (10 pack - 1300m lengths)

- Captive wedge rubber inserted into 1 side of post extrusion pocket and/or glazing rail
- Suits 8mm, 10mm or 12mm glass with Australis series

12MM GLASS PANELS P41/22 & YELLOW CAPTIVE



P41/22 glazing rubber

Order Code: **A50-P41/22 (100m roll)**

- Rubber glazed into 1 side of post extrusion pocket and/or glazing rail (opposite side to captive wedge rubber)
- Suits 12mm glass with Australis series

Yellow captive glazing rubber

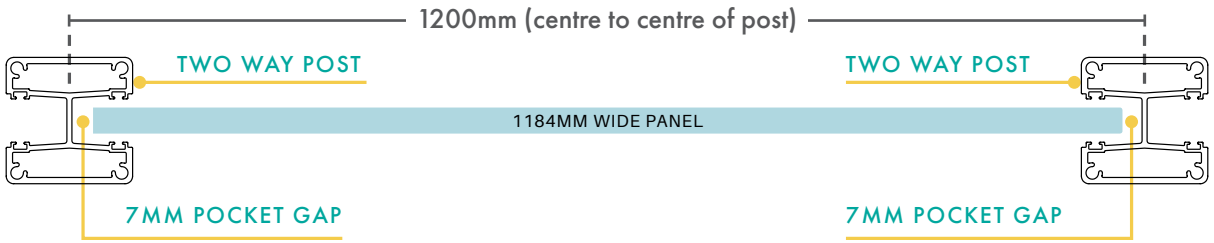
Order Codes: **A50-CAP-YEL-ROLL (100m roll)**
A50-CAP-YEL-10PK (10 pack - 1300m lengths)

- Captive wedge rubber inserted into 1 side of post extrusion pocket and/or glazing rail
- Suits 8mm, 10mm or 12mm glass with Australis series

NOTE: DRAWINGS ARE NOT TO SCALE

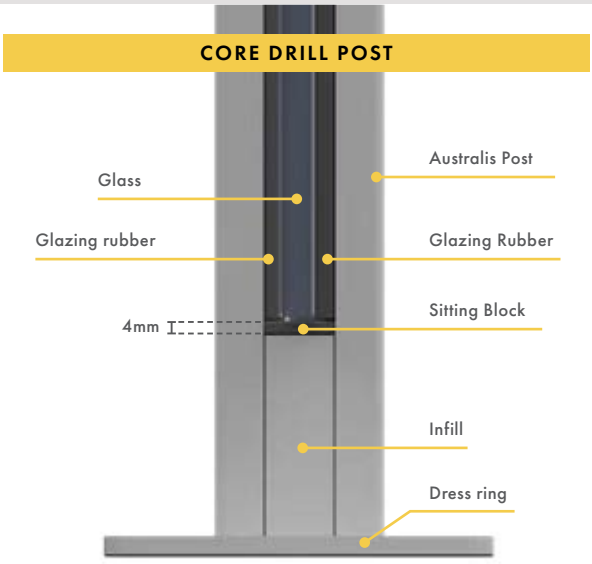
PANEL LAYOUTS

10MM POOL PANELS 1200MM HIGH

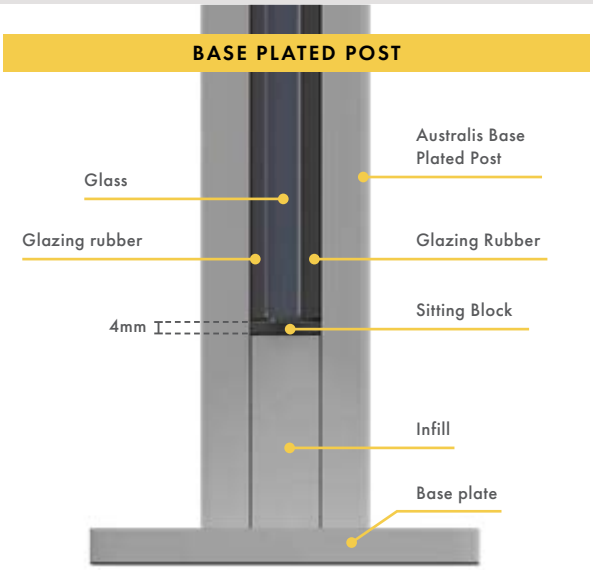


The Australis system has been made with a gap of approximately 7mm at each end to ensure the glass and aluminium posts do not touch
Examples: An 1184mm wide glass panel achieves a 1200mm centre of post to centre of post
A 1584mm wide glass panel achieves 1600mm centres & so on

INFILL & SITTING BLOCK PLACEMENT



CORE DRILLED



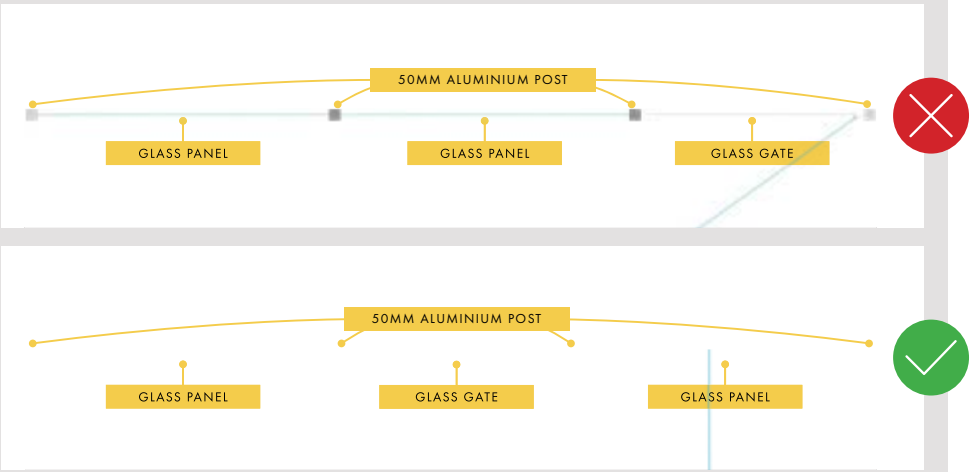
BASE PLATED

GATE INSTALL TIPS

GATE HINGED FROM STAND ALONE POINT

Due to the weight of the glass gate it is not recommended for a gate to be hinged from a stand alone aluminium post. A glass panel at least 400mm wide is recommended to be attached to the hinge post to give the post the support it needs. Alternatively, use a stainless steel heavy duty post for a stand alone gate post installation.

ALUMINIUM SQUARE POSTS

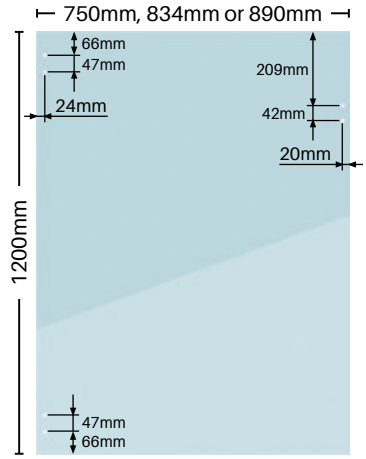


NOTE: DRAWINGS ARE NOT TO SCALE

GATE HARDWARE GUIDE MASTER RANGE

Follow this simple guide on the configurations that can be achieved with each of the Master Range glass gates and hardware for semi-frameless installations.

A Select Master Range gate required



- 8mm thick clear toughened
- 2mm radius corners
- Suits master range hardware
- 6x Ø10mm holes

Order Code	Width	Height	Sqm	Weight
08SLG-0750	750mm	1200mm	0.90	18kg
08SLG-0834	834mm	1200mm	1.00	20kg
08SLG-0890	890mm	1200mm	1.07	21kg

B Select Master Range latch kit & hinge required (Refer to pages 90-93 for order codes & specs)

a

D&D side pull latch kit
Silver Z striker
LOCKABLE
MR-SFLSL-S

b

D&D side pull latch kit
Black Z striker
LOCKABLE
MR-SFLSL-B

c

D&D side pull latch kit
SS316 Z striker
LOCKABLE
MR-SFLSL-S/B + MR-SF-SSS

d

Master range glass to sq. post/wall latch kit
SS316 & polymer
Polish, satin or matt black finish
MR-WGL-P/S/B

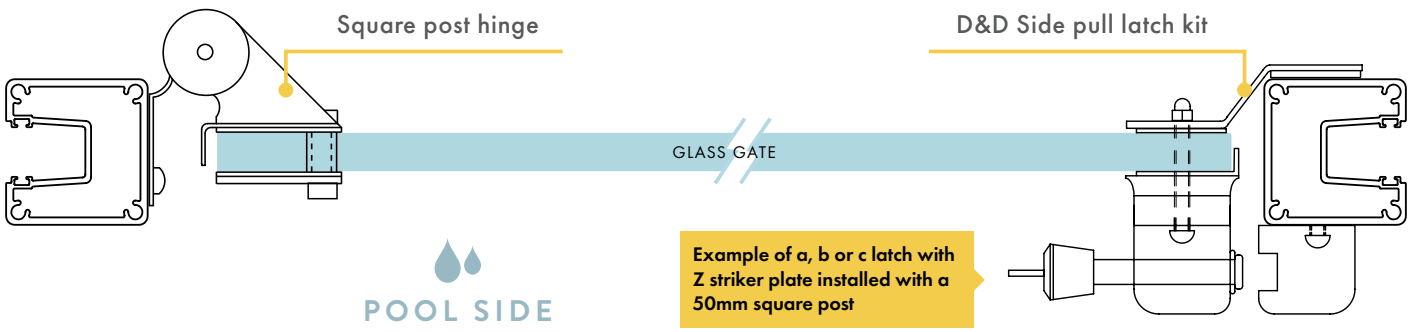
e

Master range glass to sq. post/wall latch kit
SS316
Polish or satin finish
MR-WGLSS-P/S

f

Master range square post hinge set
Set of 2 hinges
MR-SPH-P/S

Typical gate layout Hinge and latch configuration



Example of a, b or c latch with Z striker plate installed with a 50mm square post

NOTE: DRAWINGS ARE NOT TO SCALE

GATE LAYOUTS MASTER RANGE

Hinge options

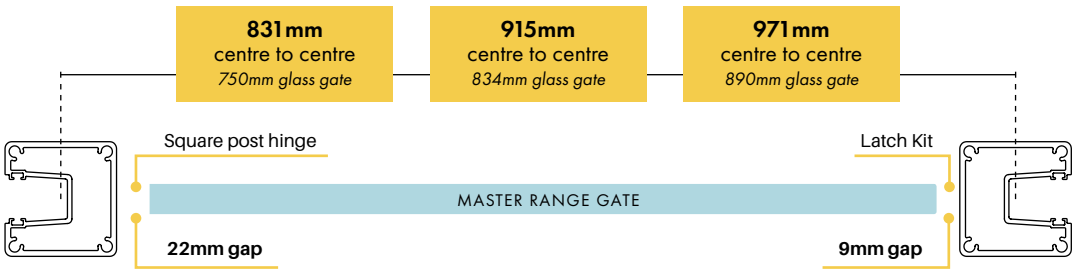
Master range square post hinge set
Set of 2
MR-SPH-P/S

Latch options

a b c d e

Master Range Latch Kits
Refer to pages 90-91 for specs.

50mm square post to 50mm square post



Hinge options

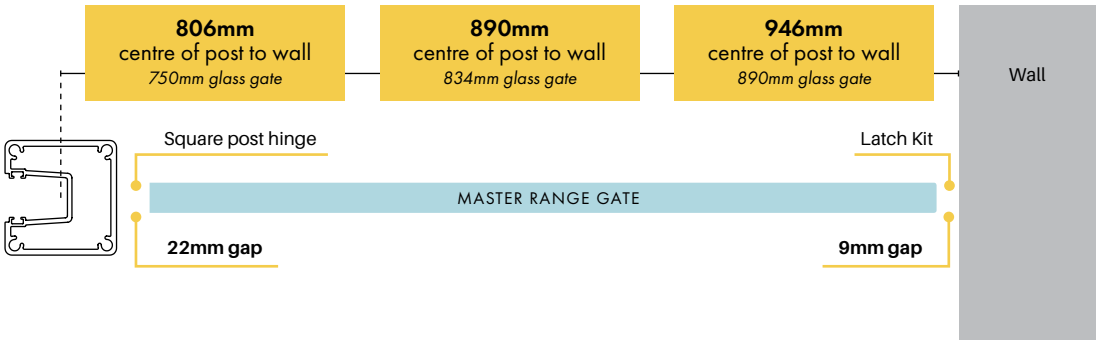
Master range square post hinge set
Set of 2
MR-SPH-P/S

Latch options

d e

Master Range Latch Kits
Refer to pages 90-91 for specs.

50mm square post to wall latching to wall



Hinge options

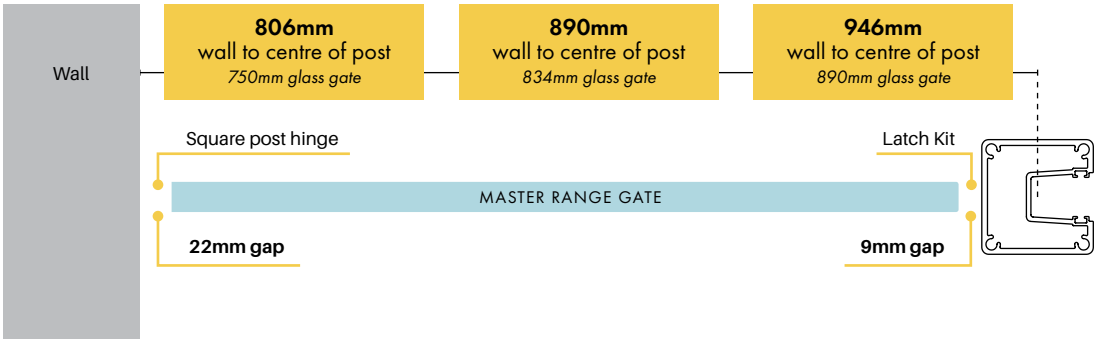
Master range square post hinge set
Set of 2
MR-SPH-P/S

Latch options

a b c d e

Master Range Latch Kits
Refer to pages 90-91 for specs.

Wall to 50mm square post latching to post



NOTE: DRAWINGS ARE NOT TO SCALE

SLOT 50 ROUND POSTS

For a stylish look, slotted round Ø50.8mm stainless steel 316 posts allow 10mm or 12mm glass to be seamlessly held in place with silicone (wet glazed). Stainless steel posts are sold in long lengths requiring cutting to required length prior to install.

One way slotted post

SS316L HIGH POLISH
Polish finish
Order Code:
SLOT50-5800-1W-P (Polish)

- 5800mm long
- 1.5mm wall thickness
- Ø50.8mm post with 15x15mm glazing channel
- Suits 10mm or 12mm glass (adhere with silicone)

Two way slotted post

SS316L HIGH POLISH
Polish finish
Order Code:
SLOT50-5800-2W-P (Polish)

- 5800mm long
- 1.5mm wall thickness
- Ø50.8mm post with 15x15mm glazing channels
- Suits 10mm or 12mm glass (adhere with silicone)

90° slotted post

SS316L HIGH POLISH
Polish finish
Order Code:
SLOT50-2900-90-P (Polish)

- 2900mm long
- 1.5mm wall thickness
- Ø50.8mm post with 15x15mm glazing channels
- Suits 10mm or 12mm glass (adhere with silicone)

ALSO AVAILABLE

50.8mm round tube
SS316 - 5800mm long
1.5mm wall thickness
Order code:
MOD50-5800C-50D-P

SLOT 50 COMPONENTS

Infill
SS316L HIGH POLISH
Polish finish
Order Code: **SLOT50-2000-INF-P (Polish)**

- 2000mm long - 1.5mm wall thickness
- Fits into glazing pocket - ensure sitting block is placed between glass and infill to avoid damaging glass
- Cut to required height - Epoxy or grout in infill

Sitting block
Black nylon - Pack of 20
Order Code: **A50-SB-20PK**

- 4mm thick
- Use as a separator between glass and stainless steel infill
- Pack of 20

Top cap
SS316L HIGH POLISH
Polish finish
Order Code: **SLOT50-EC-P (Polish)**

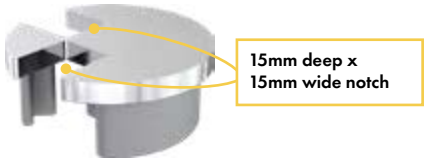
- Suits 1 way, 2 way & 90° posts
- Adhere with epoxy or rivet

One way notched top cap
SS316L HIGH POLISH
Polish finish
Order Code: **SLOT50-C1W-P (Polish)**

- Suits 1 way slotted post
- Allows glass to extend past top of post
- Adhere with epoxy or rivet

Two way notched top cap
SS316L HIGH POLISH
Polish finish
Order Code: **SLOT50-C2W-P (Polish)**

- Suits 2 way slotted post
- Allows glass to extend past top of post
- Adhere with epoxy or rivet



90° notched top cap
SS316L HIGH POLISH
Polish finish
Order Code: **SLOT50-C90-P (Polish)**

- Suits 90° slotted post
- Allows glass to extend past top of post
- Adhere with epoxy or rivet

Weld application

Flanged base plate
SS316L HIGH POLISH
Polish finish
Order Code: **MOD50-BPF-R-P (Polish)**

- External fitting base plate
- 3x Ø6.5mm CSK holes (Ø11mm outer)
- Can also be used as a wall plate

Dress ring
SS316L HIGH POLISH
Polish finish
Order Code: **SLOT50-DR90-P (Polish)**

- Suits all Slot50 posts
- Ø100mm outer - Ø54mm inner

Bostik V60 silicone
Order Code: **FB-V60**

- Architectural grade high performance glazing silicone
- Neutral cure sealant specially formulated; skins quickly & provides long term performance
- Seals water tight - UV weather resistant
- Excellent adhesion & flexibility

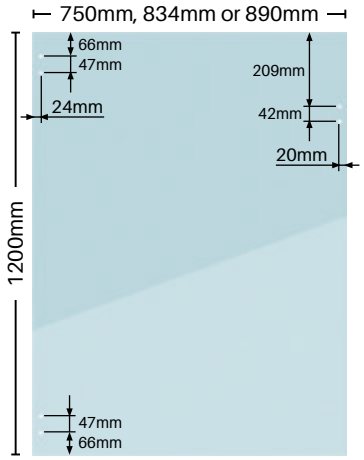
Devcon 2 part epoxy
Order Code: **DEV-EPOXY**

- 25mL bottle
- Resealable syringe
- Mixing tray and stick included

HEAVY DUTY POSTS HARDWARE GUIDE

MASTER RANGE HARDWARE

A Select Master Range gate required



- 8mm thick clear toughened
- 2mm radius corners
- Suits master range hardware
- 6x Ø10mm holes

Order Code	Sqm	Weight
08SLG-0750	0.90	18kg
08SLG-0834	1.00	20kg
08SLG-0890	1.07	21kg

A heavy duty stainless steel post to hinge or latch a glass gate may be required in certain installation situations.

It is important a heavy duty post is used to prevent the post bending under the weight of the gate. It is also very important that the substrate is sturdy and cannot bend/ or flex - such as when installing a base plated post to a timber deck with a hinging glass gate.

B Select Master Range hinge set required

Master range sq. post/wall to glass hinge set
SS316
Polish finish
Order Code: **MR-SPH-P (Polish)**

Master range round post to glass hinge set
SS316
Polish finish
Order Code: **MR-RPH-P (Polish)**

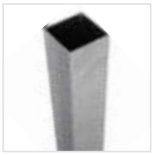
C Select latch kit required

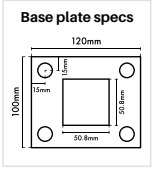
Master range sq. post/ wall to glass latch kit
SS316
Polish finish
Order Code: **MR-WGLSS-P (Polish)**

Master range round post to glass latch kit
SS316
Polish finish
Order Code: **MR-RPLSS-P (Polish)**

D Select between SQ50 square or MOD50 round heavy duty posts

HEAVY DUTY SQUARE POST





SQ50 heavy duty posts - 50.8x50.8mm square
SS316 - 2mm wall thickness - Various lengths
Polish finish
Order Code:
SQ50-1300-HDBP-P (Polish - Base plated - Includes top cap & domical cover)
SQ50-1400-HD-P (Polish - Core drill - Includes top cap)
SQ50-5800S-5050-P (Polish - Core drill - Top caps sold separately)

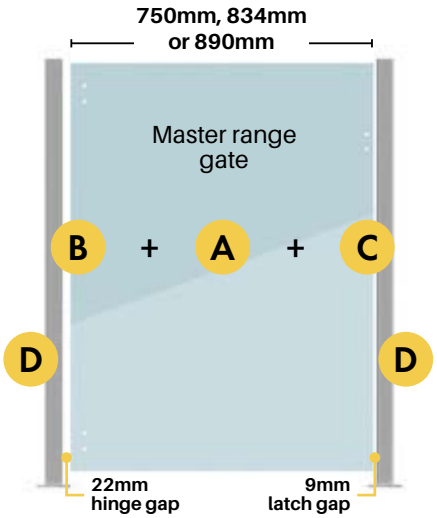
HEAVY DUTY ROUND POST

MOD50 heavy duty posts - 50.8mm round
SS316 - 3mm wall thickness - Various lengths
Polish finish
Order Code:
MOD50-1300-BPSET-P (Polish - Base plated with top cap & domical cover)
MOD50-1400-HD-P (Polish - Core drill)
Top caps and domical covers sold separately

HEAVY DUTY POSTS GATE LAYOUTS

MASTER RANGE HARDWARE

SQ50 square post to post gate layout



Post accessories SS316

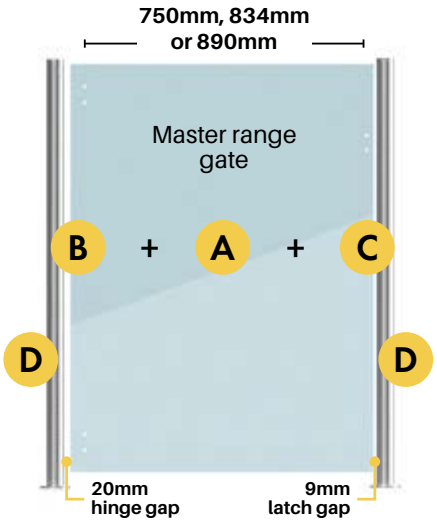
SQ50 post top cap
Order Code: **SQ50-HDTC-P**

SQ50 dress ring
110x110mm outer
Order Code: **SQ50-DR-P**

SQ50 domical cover
Order Code: **SQ50-DC-P**

SQ50 base plate (weld on)
Order Code: **SQ50-BP-P**

MOD50 round post to post gate layout



Post accessories SS316

MOD50 post top cap
Order Code: **MOD50-HDTC-P**

MOD50 dress ring
Ø100mm outer
Order Code: **MOD50-DR-P**

MOD50 domical cover
Order Code: **MOD50-DC-P**

MOD50 base plate (weld on)
Order Code: **MOD50-BP-P**

See pages 98-100 for full specs

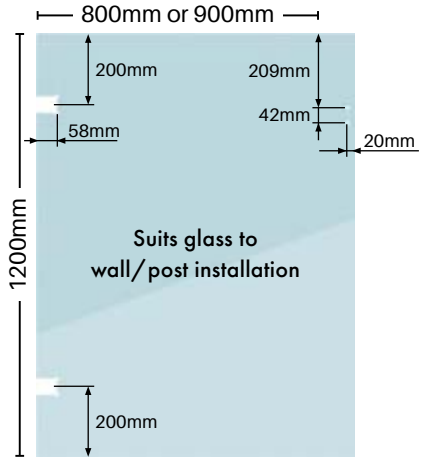
Trade tip
Substrate must be strong and not flexible. This is particularly important when installing heavy duty base plated posts to timber decks

NOTE: DRAWINGS ARE NOT TO SCALE

HEAVY DUTY POSTS HARDWARE GUIDE

POLARIS HARDWARE

A Select Polaris gate required



- 12mm thick clear toughened
- 5mm radius corners
- Suits Polaris 120 series hinges
- 2x cut outs & 2x Ø12mm holes

This page and the following provide all the information you need on Polaris hardware when used with heavy duty square or round posts.

Application	Order Code	Sqm	Weight
Glass to wall/ post	12PWG-0800	0.96	29kg
	12PWG-0900	1.08	32kg

B Select Polaris hinge set required

A Polaris glass to wall hinge set must be purchased as well as square or round post plates

Polaris square post plates
120 series - SS316
Polish finish
Order Code: **PSC-120PLATE-SP-P (Polish)**
Suits 50mm x 50mm square post

Polaris round post plates
120 series - SS316
Polish finish
Order Code: **PSC-120PLATE-RP-P (Polish)**
Suits Ø50mm round post

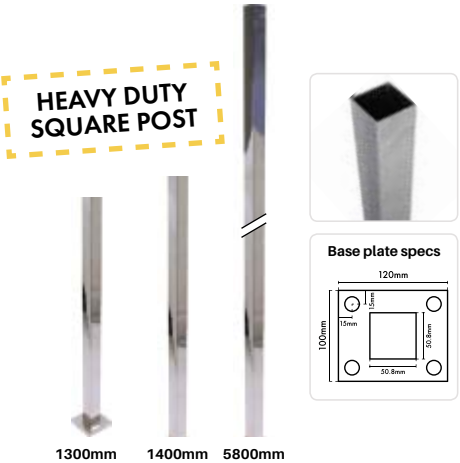
C Select latch kit required

Master range sq. post/ wall to glass latch kit
SS316
Polish finish
Order Code: **MR-WGLSS-P (Polish)**

Master range round post to glass latch kit
SS316
Polish finish
Order Code: **MR-RPLSS-P (Polish)**

D Select between SQ50 square or MOD50 round heavy duty posts

HEAVY DUTY SQUARE POST



SQ50 heavy duty posts - 50.8x50.8mm square
SS316 - 2mm wall thickness - Various lengths
Polish finish
Order Code:
SQ50-1300-HDBP-P (Polish - Base plated - Includes top cap & domical cover)
SQ50-1400-HD-P (Polish - Core drill - Includes top cap)
SQ50-5800S-5050-P (Polish - Core drill - Top caps sold separately)

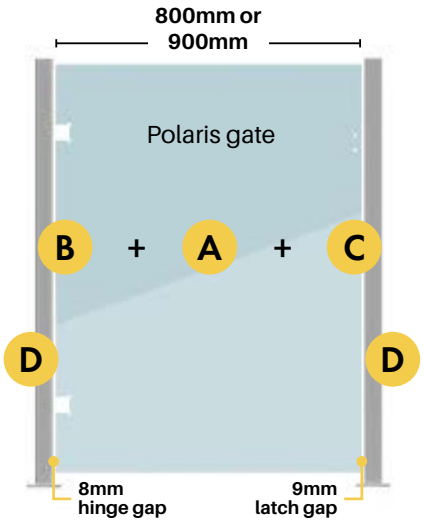
HEAVY DUTY ROUND POST

MOD50 heavy duty posts - 50.8mm round
SS316 - 3mm wall thickness - Various lengths
Polish finish
Order Code:
MOD50-1300-HDBP-P (Polish - Base plated)
MOD50-1400-HD-P (Polish - Core drill)
MOD50-2800-HD-P (Polish - Core drill)
Top caps and domical covers sold separately

HEAVY DUTY POSTS GATE LAYOUTS

POLARIS HARDWARE

SQ50 square post to post gate layout



Post accessories SS316

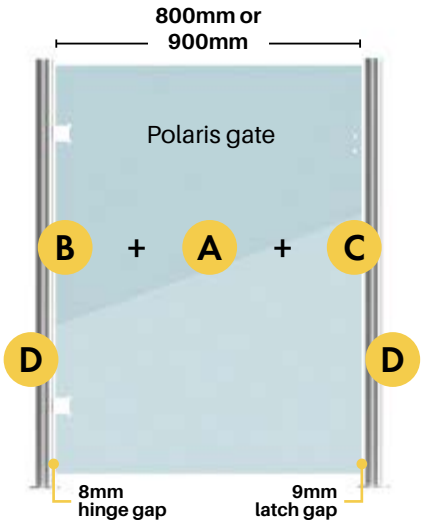
SQ50 post top cap
Order Code: **SQ50-HDTC-P**

SQ50 dress ring
110x110mm outer
Order Code: **SQ50-DR-P**

SQ50 domical cover
Order Code: **SQ50-DC-P**

SQ50 base plate (weld on)
Order Code: **SQ50-BP-P**

MOD50 round post to post gate layout



Post accessories SS316

MOD50 post top cap
Order Code: **MOD50-HDTC-P**

MOD50 dress ring
Ø100mm outer
Order Code: **MOD50-DR-P**

MOD50 domical cover
Order Code: **MOD50-DC-P**

MOD50 base plate (weld on)
Order Code: **MOD50-BP-P**

See pages 98-100 for full specs

Trade tip
Substrate must be strong and not flexible. This is particularly important when installing heavy duty base plated posts to timber decks

NOTE: DRAWINGS ARE NOT TO SCALE

MASTER RANGE HARDWARE

Complete hinge and latch configurations to suit semi-frameless and frameless applications

Latches

- Latches available for glass to glass, wall/post to glass and 90° corner applications
- High quality Downee latch supplied as standard for nylon side pull latches
- Optional D&D lockable latch can retrofit to any nylon side pull latch
- D&D fully stainless steel latches available
- Select between polish or satin finish - Matt black finish now available on selected latches

Hinges

- Self closing hinges are stainless steel 316 and incorporate an integrated "anti toe hold" cone cap
- Glass to glass, square post, round post and face mount hinges available
- Hinges are tested to cycle count self closing requirements

Silver striker plate

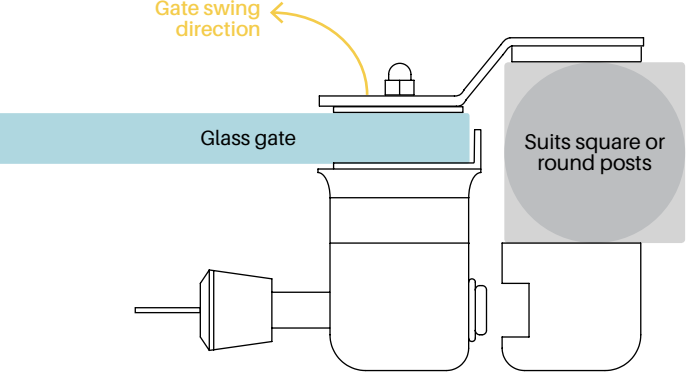
Black striker plate

Stainless steel 316 striker plate

Side pull latch kit

Polymer with powder coated aluminium or SS316 striker
Silver, black or SS316 finish
Order Code: **MR-SFLSL-S (Silver striker plate)**
MR-SFLSL-B (Black striker plate)
MR-SF-SSS (SS316 striker plate only)

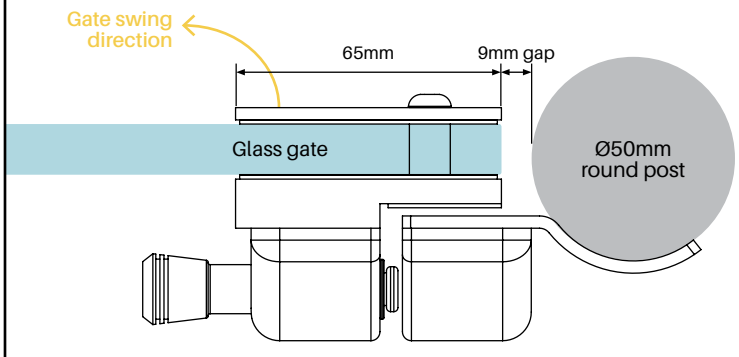
- Suits 50mm square and Ø50mm round posts
- Z shape striker plate ensures gate is centred to post
- Suits 8mm, 10mm and 12mm glass gates



Round post to glass latch kit

SS316
Polish or satin finish
Order Code: **MR-RPLSS-P (Polish)**
MR-RPLSS-S (Satin)

- Genuine D&D stainless steel side pull latch
- Latch for 50mm round post to glass application
- Suits 8mm, 10mm and 12mm glass gates



NOTE: DRAWINGS ARE NOT TO SCALE

MASTER RANGE HARDWARE

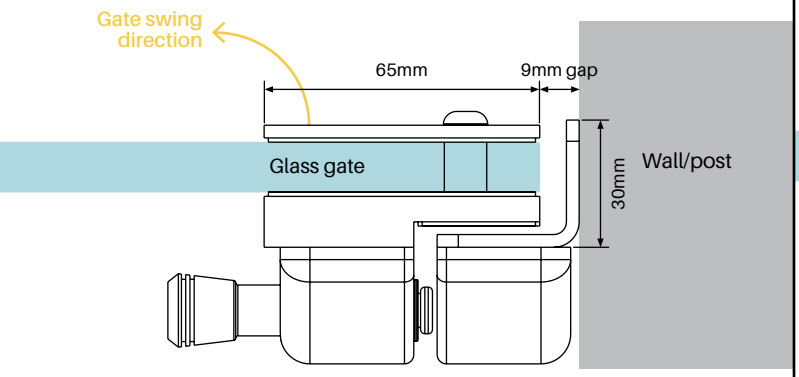
Wall/square post to glass stainless steel latch kit

SS316

Polish or satin finish

Order Code: **MR-WGLSS-P (Polish)**
MR-WGLSS-S (Satin)

- Genuine D&D stainless steel side pull latch
- Latch for wall/sq. post to glass gate application
- Suits 8mm, 10mm and 12mm glass gates



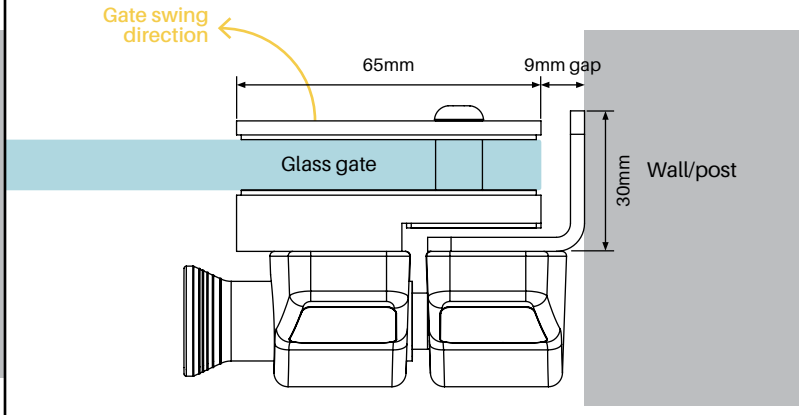
Wall/sq. post to glass latch kit

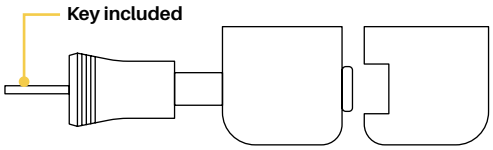
SS316 & Polymer

Polish, satin or matt black finish

Order Code: **MR-WGL-P (Polish)**
MR-WGL-S (Satin)
MR-WGL-B (Black)

- Downee side pull latch with SS316 backing plates
- Latch for wall/sq. post to glass application
- Suits 8mm, 10mm and 12mm glass gates





Retro fit to master range latch kits for a lockable latch

Face mount latch

Black Polymer

Black finish

Order Code: **MR-FMLSL**

Supplier Code: **MLSPS2L**

- Key lockable D&D latch in black polymer finish
- All backing plates supplied with non-lockable nylon latches can be retro fitted with the D&D lockable latch

NOTE: DRAWINGS ARE NOT TO SCALE

MASTER RANGE HARDWARE

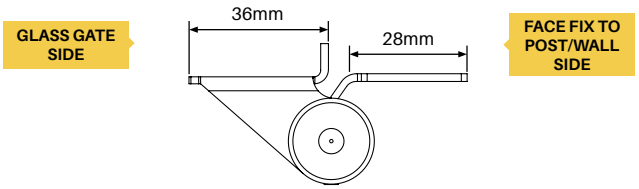
Face mount hinge set - Pair of 2

SS316

Polish or satin finish

Order Code: **MR-FMH-P (Polish)**
MR-FMH-S (Satin)

- Suits face mount application - Use when hinging off the front face of a wall/post
- Cone cap incorporated to prevent toe hold
- Suits 8mm and 10mm glass gates
- Weight capacity of 25kg per pair



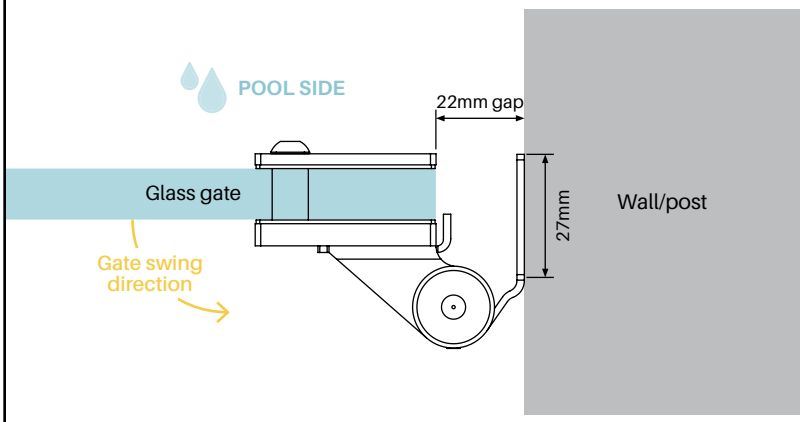
Wall/sq. post to glass hinge set - Pair of 2

SS316

Polish or satin finish

Order Code: **MR-SPH-P (Polish)**
MR-SPH-S (Satin)

- Suits wall/sq. post to glass application
- Cone cap incorporated to prevent toe hold
- Suits 8mm and 10mm glass gates
- Weight capacity of 25kg per pair

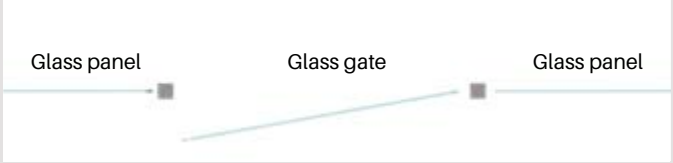


Gate install tips square posts

Gate hinged from stand alone aluminium post

Due to the weight of the glass gate it is not recommended for a gate to be hinged from a stand alone aluminium post. A glass panel of minimum 400mm width is recommended to be attached to the hinge post to give the post the support it needs or alternatively brace a post to a wall or structure.

If a standalone post must be installed, ensure a heavy duty stainless steel 50x50mm square post is used.



NOTE: DRAWINGS ARE NOT TO SCALE

MASTER RANGE HARDWARE

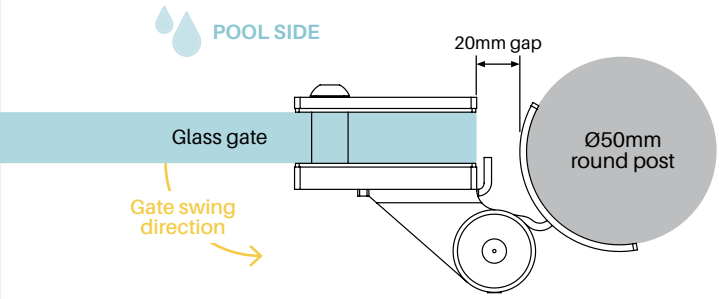
Round post to glass hinge set - Pair of 2

SS316

Polish or satin finish

Order Code: **MR-RPH-P (Polish)**
MR-RPH-S (Satin)

- Suits 50mm round post to glass application
- Cone cap incorporated to prevent toe hold
- Suits 8mm and 10mm glass gates
- Weight capacity of 25kg per pair



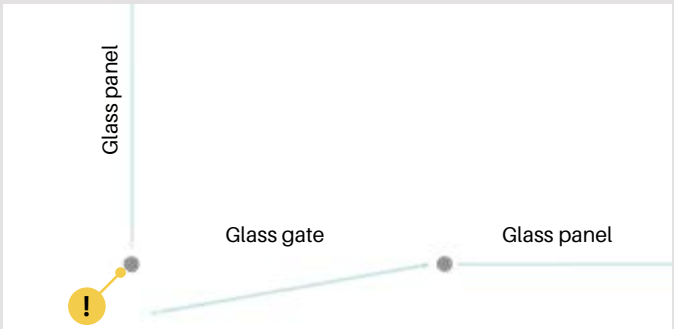
Gate install tips round posts

Gate hinged from stand alone aluminium post

Due to the weight of the glass gate it is not recommended for a gate to be hinged from a stand alone aluminium post. A glass panel of minimum 400mm width is recommended to be attached to the hinge post to give the post the support it needs or alternatively brace a post to a wall or structure. If a standalone post must be installed, ensure a heavy duty stainless steel Ø50mm round post is used.

Latch to a 90 degree corner

Please note that only a D&D full stainless steel round post latch (MR-RPLSS-P/S) will work on the below configuration.



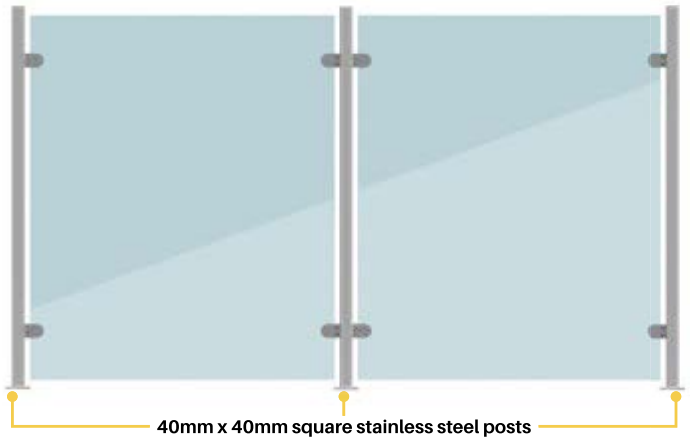
This configuration will only function with MOD50 range posts and D clamps. This will not function with Australis or SLOT50 systems at a 90° corner

NOTE: DRAWINGS ARE NOT TO SCALE

MOD40 & MOD50 SERIES

Stainless steel posts with D clamps are a stylish look for any pool fence. We can provide round or square stainless steel 316 posts with D clamps and accessories to achieve desired configurations.

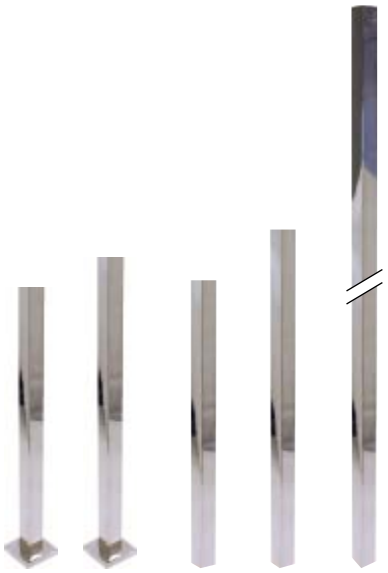
MOD40 square



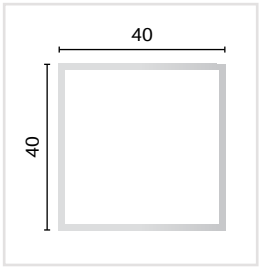
MOD50 round

NOTE: DRAWINGS ARE NOT TO SCALE

MOD40 SQUARE POSTS



1000mm 1300mm 1150mm 1400mm 5800mm
Base plated Core drill



40x40mm MOD40 posts & tube

SS316L - various lengths

Polish or satin finish

Order Code: **MOD40-1000-BP-P (Polish - Base plated)**
MOD40-1000-BP-S (Satin - Base plated)
MOD40-1300-BP-P (Polish - Base plated)
MOD40-1300-BP-S (Satin - Base plated)
MOD40-1150-P (Polish - Core drill)
MOD40-1150-S (Satin - Core drill)
MOD40-1400-P (Polish - Core drill)
MOD40-1400-S (Satin - Core drill)
MOD40-5800S-4040-P (Polish - Core drill)
MOD40-5800S-4040-S (Satin - Core drill)

- Welded base plated posts available in 1000mm and 1300mm high
- Core drill posts available in 1150mm, 1400mm and 5800mm high
- 1.5mm wall thickness
- Stainless steel 316L - low carbon stainless steel

NOTE: DRAWINGS ARE NOT TO SCALE

MOD40 COMPONENTS

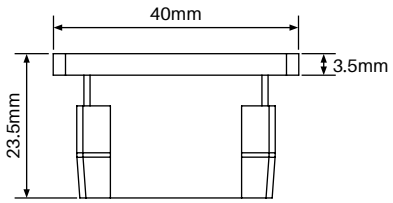
MOD40 end cap

SS316

Polish or satin finish

Order Code: **MOD40-EC-P (Polish)**
MOD40-EC-S (Satin)

- End cap - easy to use tap-in fitting
- Suits 1.5mm wall thickness MOD40 tube/posts
- Epoxy glue, weld or drill/tap tube for joining strength



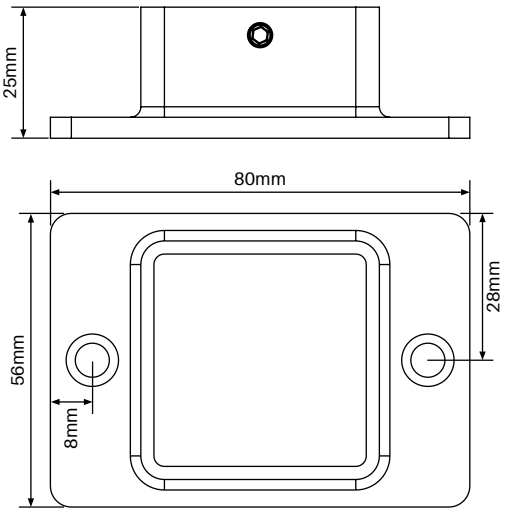
MOD40 wall plate

SS316

Polish or satin finish

Order Code: **MOD40-WP-P (Polish)**
MOD40-WP-S (Satin)

- Oblong wall plate can be affixed to wall/post
- Suits 1.5mm wall thickness MOD40 tube
- 2x CSK holes: Ø10mm outer, Ø6.5mm inner
- Epoxy glue, weld or drill/tap tube for joining strength



Refer to Glass Outlet's glass & wire balustrade systems catalogue for a full list of modular fittings to suit 40x40mm stainless tube

NOTE: DRAWINGS ARE NOT TO SCALE

MOD40 COMPONENTS

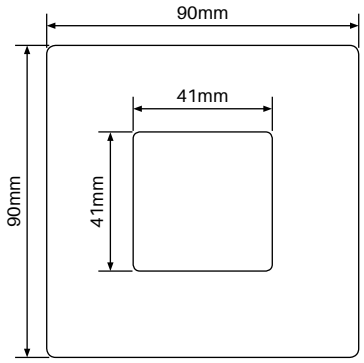
MOD40 dress ring

SS316

Polish or satin finish

Order Code: **MOD40-DR-P (Polish)**
MOD40-DR-S (Satin)

- Suits 40x40mm square tube
- 41x41mm inner opening, 90x90mm outer
- 2mm thick



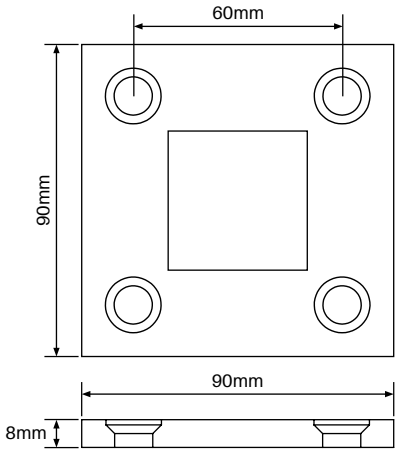
MOD40 base plate

SS316

Polish or satin finish

Order Code: **MOD40-BP-P (Polish)**
MOD40-BP-S (Satin)

- Suits 40x40mm square tube
- 4x Ø11mm holes (Ø16mm CSK on top)
- Suits welding tube to base plate



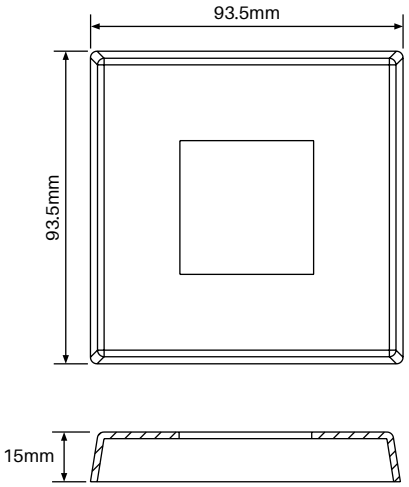
MOD40 domical cover

SS316

Polish or satin finish

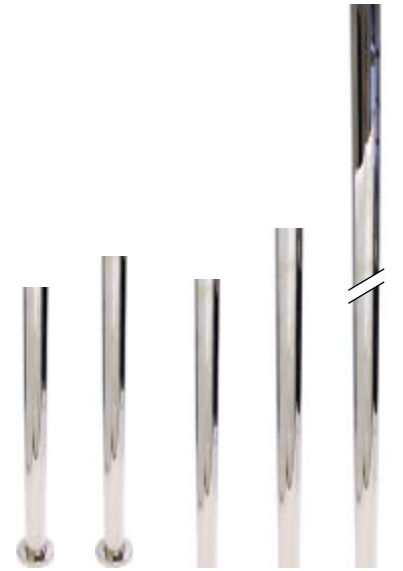
Order Code: **MOD40-DC-P (Polish)**
MOD40-DC-S (Satin)

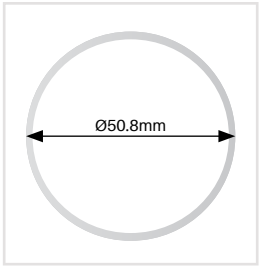
- Slimline domical cover
- Suits MOD40 posts
- 41x41mm inner opening, 94x94mm outer



NOTE: DRAWINGS ARE NOT TO SCALE

MOD50 ROUND POSTS





Ø50.8mm MOD50 posts & tube

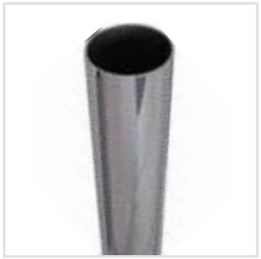
SS316L - various lengths

Polish or satin finish

Order Code: **MOD50-1000-BP-P (Polish - Base plated)**
MOD50-1300-BPSET-P (Polish - Base plated)
MOD50-1150-P (Polish - Core drill)
MOD50-1400-P (Polish - Core drill)
MOD50-5800C-50D-P (Polish - Core drill)

- Welded base plated posts available in 1000mm and 1300mm high
- Core drill posts available in 1150mm, 1400mm and 5800mm high
- 1.5mm wall thickness
- Stainless steel 316L - low carbon stainless steel

HEAVY DUTY



MOD50 heavy duty posts - Ø50.8mm

SS316L - 2.7mm wall thickness - various lengths

Polish or satin finish

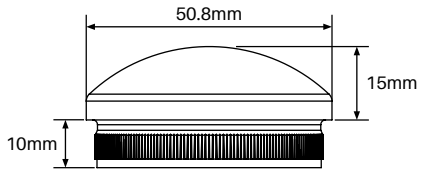
Order Code: **MOD50-1300-HDBP-P** (Polish - Base plated)
MOD50-1400-HD-P (Polish - Core drill)

- Welded base plated posts available in 1300mm high
- Core drill posts available in 1400mm & 2800mm high
- Heavy duty 2.7mm wall thickness
- Stainless steel 316L - low carbon stainless steel

Ideal for hanging stand alone gates

NOTE: DRAWINGS ARE NOT TO SCALE

MOD50 COMPONENTS



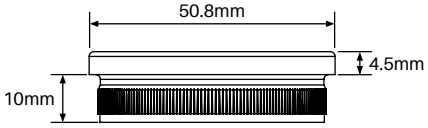
MOD50 domed end cap

SS316

Polish finish

Order Code: **MOD50-ECD-P (Polish)**

- Domed end cap - easy to use tap-in fitting
- Suits 1.5mm wall thickness MOD50 tube/posts
- Epoxy glue, weld or rivet tube for joining strength



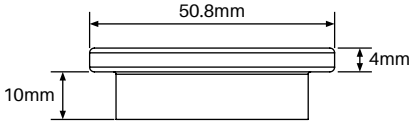
MOD50 flat end cap

SS316

Polish finish

Order Code: **MOD50-ECF-P (Polish)**

- Flat end cap - easy to use tap-in fitting
- Suits 1.5mm wall thickness MOD50 tube/posts
- Epoxy glue, weld or rivet tube for joining strength



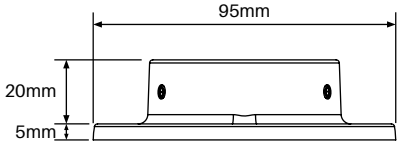
MOD50 heavy duty top cap

SS316

Polish finish

Order Code: **MOD50-HDTC-P (Polish)**

- Top cap to suit 50.8mm tube with 2.7mm wall thickness
- Suits MOD50 heavy duty posts
- Epoxy glue, weld or rivet tube for joining strength



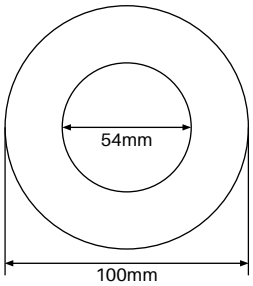
MOD50 base plate flange

SS316

Polish finish

Order Code: **MOD50-BPF-R-P (Polish)**

- Round external fitting flange
- 3x Ø6.5mm holes (with 3x Ø11mm CSK holes on top)
- Suits MOD50 posts
- Weld or drill/tap tube for joining strength



MOD50 dress ring

SS316

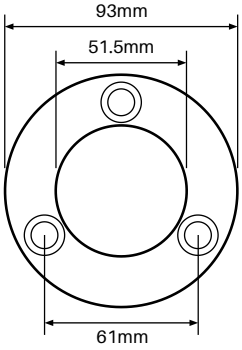
Polish finish

Order Code: **MOD50-DR-P (Polish)**

- Suits MOD50 posts
- Ø54mm inner opening, Ø100mm outer

NOTE: DRAWINGS ARE NOT TO SCALE

MOD50 COMPONENTS



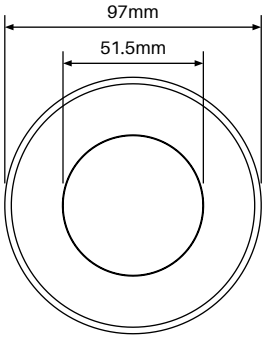
MOD50 base plate

SS316

Polish finish

Order Code: **MOD50-BP-P (Polish)**

- Round base plate - Ø93mm outer
- 3x Ø11mm holes (with 3x Ø16mm CSK holes on top)
- 8mm thick
- Suits welding to MOD50 posts



MOD50 domical cover

SS316

Polish finish

Order Code: **MOD50-DC-P (Polish)**

- Slimline 20mm high domical cover
- Suits MOD50 posts to cover base plates

M8 blind rivet nut

SOLD INDIVIDUALLY

Order Code: **MOD-M8-BRN**

- SS304
- Threaded inserts for affixing D clamps to posts with 0.5mm to 3mm wall thicknesses
- Insert & crimp using hand rivet nut tool

M8 x 20 cap screw

SOLD INDIVIDUALLY

Order Code: **MOD-M8-CS**

- SS304
- Use with blind rivet nut to affix glass clamp to post

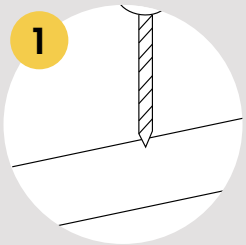
Rivet nut hand tool

HAND OPERATED

Order Code: **RIV-TOOL**

- Allows quick insertion of stainless rivet nuts into posts
- Push/pull rod for quick thread insert and release
- Includes M4, M5, M6, M8 & M10 mandrel set
- Adjustable stroke for different wall thickness on posts (0.5mm to 3mm)
- Spare M8 mandrel also available - Sold separately

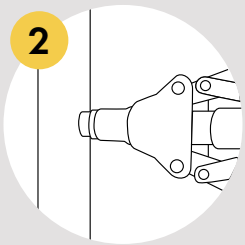
Install guide for D clamps



1

Drill hole in post

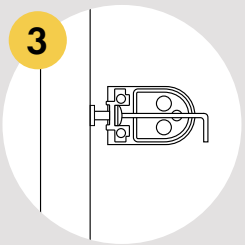
Mark out & drill holes to suit diameter of blind rivet nut



2

Install the blind rivet nut

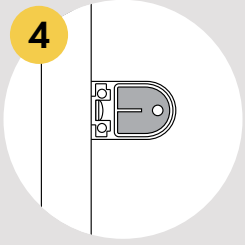
Using the rivet hand tool



3

Install the D clamp onto post

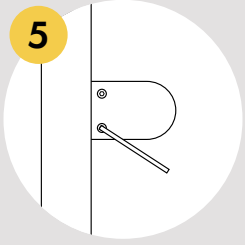
Screw the cap head screw into the blind rivet nut through D clamp



4

Insert rubber gaskets

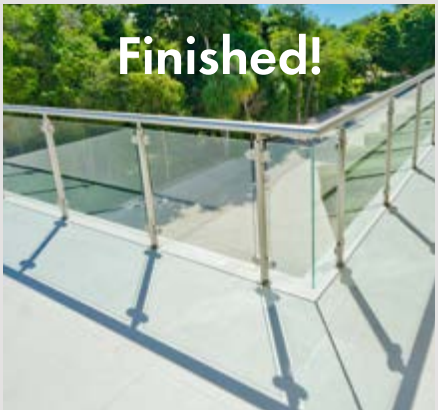
Place the rubber gaskets onto both halves of the D clamp



5

Insert glass & tighten

Place glass into position and tighten the second half of D clamp



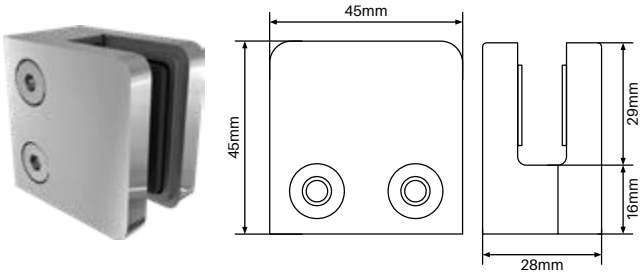
GLASS CLAMPS

Glass clamps provide a smart & functional solution for clamping glass panels.

Our glass clamps are made from high quality 2205 grade stainless steel, available in polish or satin finish. Perfect for any semi-frameless pool fencing project.

All of our glass clamps come complete with gaskets to suit 8mm, 10mm or 12mm glass and are designed for friction fitting which eliminates the need for drill holes in glass panels.

Note: Please take care to refer to relevant standards to ensure our D clamps are suitable for your needs as each installation situation/ compliance requirement is unique



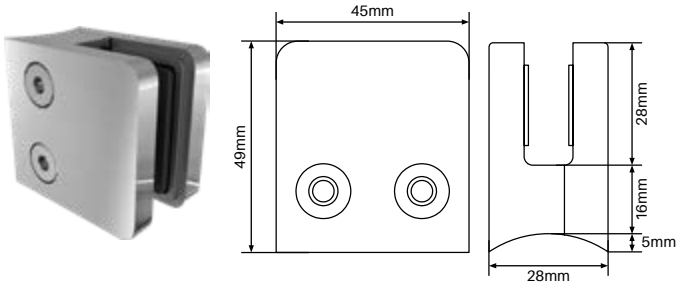
Slimline clamp - Square front, flat back

SS2205

Polish or satin finish

Order Code: **GCS-S-FB-P (Polish)**
GCS-S-FB-S (Satin)

- Slimline 45x45mm shape
- Premium grade SS2205 in polish or satin finish
- Gaskets included to suit 8mm or 10mm glass only (not suited to 12mm glass)
- Gaskets made from EPDM - highest quality gaskets available



Slimline clamp - Square front, round back

SS2205

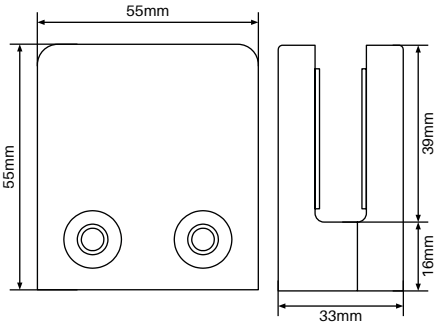
Polish or satin finish

Order Code: **GCS-S-RB-P (Polish)**
GCS-S-RB-S (Satin)

- Slimline 45x45mm shape - Suits fixing to Ø50mm round posts
- Premium grade SS2205 in polish or satin finish
- Gaskets included to suit 8mm or 10mm glass only (not suited to 12mm glass)
- Gaskets made from EPDM - highest quality gaskets available

NOTE: DRAWINGS ARE NOT TO SCALE

GLASS CLAMPS



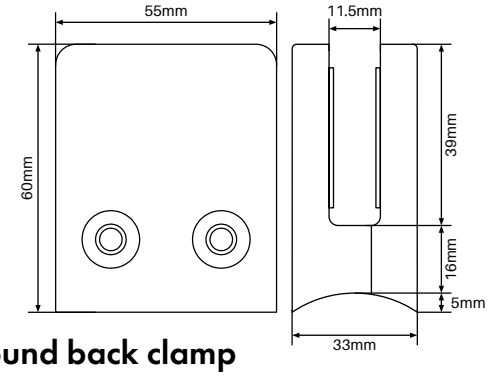
Square front, flat back clamp

SS2205

Polish, satin or matt black finish

Order Code: **GC-S-FB-P (Polish)**
GC-S-FB-S (Satin)
GC-S-FB-B (Matt black)

- Premium 2205 grade stainless steel
- Gaskets included to suit 8mm, 10mm or 12mm glass
- Gaskets made from EPDM - highest quality gaskets available
- Can be used with bottom seat (refer below)



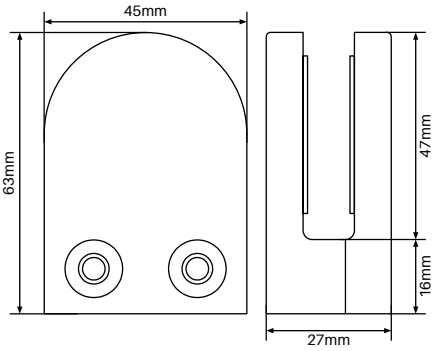
Square front, round back clamp

SS2205

Polish or satin finish

Order Code: **GC-S-RB-P (Polish)**
GC-S-RB-S (Satin)

- Premium 2205 grade stainless steel
- Gaskets included to suit 8mm, 10mm or 12mm glass
- Gaskets made from EPDM - highest quality gaskets available
- Can be used with bottom seat (refer below)



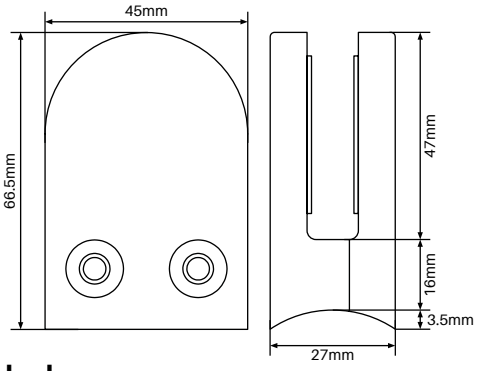
D front, flat back clamp

SS2205

Polish or satin finish

Order Code: **GC-D-FB-P (Polish)**
GC-D-FB-S (Satin)

- Premium 2205 grade stainless steel
- Gaskets included to suit 8mm, 10mm or 12mm glass
- Gaskets made from EPDM - highest quality gaskets available
- Can be used with bottom seat (refer below)



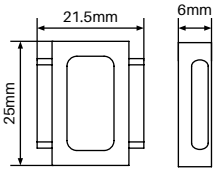
D front, round back clamp

SS2205

Polish or satin finish

Order Code: **GC-D-RB-P (Polish)**
GC-D-RB-S (Satin)

- Premium 2205 grade stainless steel - Suits Ø50mm round posts
- Gaskets included to suit 8mm, 10mm or 12mm glass
- Gaskets made from EPDM - highest quality gaskets available
- Can be used with bottom seat (refer below)



Bottom seat for D clamps

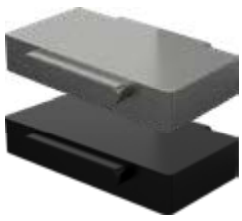
SS2205

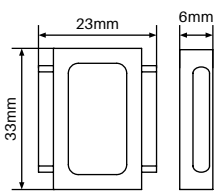
Polish or satin finish

Order Code: **GC-D-SEAT-P (Polish)**
GC-D-SEAT-S (Satin)

- Use when glass slip is a concern or for heavier/wider panels
- Simply insert into D clamp
- Bottom plate seat sold separately

Slimline 45x45mm clamp cannot be used with bottom seat





Bottom seat for sq. front clamps

SS2205

Polish, satin or matt black finish

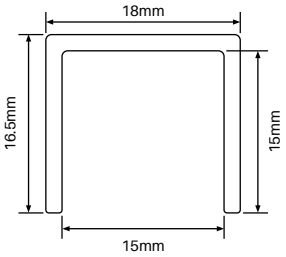
Order Code: **GC-S-SEAT-P (Polish)**
GC-S-SEAT-S (Satin)
GC-S-SEAT-B (Matt black)

- Use when glass slip is a concern or for heavier/wider panels
- Simply insert into sq. front clamp
- Bottom plate seat sold separately

Slimline 45x45mm clamp cannot be used with bottom seat

NOTE: DRAWINGS ARE NOT TO SCALE

EXTRAS & ACCESSORIES



18x16.5mm Summit capping rail

SS316L - 3000mm long

Polish or satin finish

Order Code: **STG-U3000-1515-P (Polish)**
STG-U3000-1515-S (Satin)

- 15x15mm glazing pocket
- Ideal for capping on top of glass to protect top edge or to brace panels together
- Adhere rail to glass with glazing silicone
- Not balustrade compliant

GLASS & STAINLESS STEEL CARE

Enduroshield glass treatment

125ml or 500mm ml bottle

Order Code: **ENDURO-GC-125 (125ml)**
ENDURO-GC-500 (500ml)

- Covers up to 8sqm with 125ml bottle or up to 32sqm with 500ml bottle
- Water and oil repellent
- One application lasts 3+ years
- Kit includes pre-cleaner product & surface treatment
- Cuts cleaning time by up to 90%

Kit includes:
125ml or 500ml Enduroshield glass home surface treatment
EnduroClean pre-cleaner
Fine steel wool
Polishing cloth
Step by step instructions
3 year limited warranty

Enduroshield stainless steel protective coating

60mL bottle

Order Code: **ENDURO-SSC-60**

- Internal surfaces: Covers up to 4sqm
- External surfaces: Covers up to 2sqm (2 coats required)
- Water and oil repellent
- One application lasts 3+ years
- Kit includes pre-cleaner product & surface treatment
- Cuts cleaning time by up to 90%

Kit includes:
60mL Enduroshield protective coating
125mL EnduroClean pre-cleaner
Microfiber cloth
Polishing cloth
Step by step instructions
3 year limited warranty

Enduroshield stainless steel restore

500mL bottle

Order Code: **ENDURO-SSRES**

- Specially formulated to remove corrosion and tea staining
- Prepares surface for Enduroshield protective coating
- Apply either directly to the stainless surface or to a damp cloth and wipe over surface with cloth
- Ensure application is with the grain of the stainless steel, not against it

NOTE: DRAWINGS ARE NOT TO SCALE

EXTRAS & ACCESSORIES

Bostik V60 Clear glazing silicone

300g

Order Code: **FB-V60**

- Architectural grade high performance glazing silicone
- Neutral cure sealant specially formulated - skins quickly and provides long term performance
- Excellent adhesion and flexibility
- Seals water tight - UV and weather resistant
- 25 year manufacturer's guarantee against cracking and crumbling when used in standard conditions and applications*
- Compatible substrates glass, steel, timber, concrete, ceramic, fiberglass, aluminium (powder coated surfaces are limited)

Devcon 2 part epoxy

Order Code: **DEV-EPOXY**

- 25mL bottle
- Resealable syringe
- Mixing tray and stick included

Ultraloc Threadlocker 3242 compound

10ML BOTTLE

- Medium strength removable grade threadlocking compound for metal screws, nuts and fasteners from 6mm to 20mm in diameter

Order Code: **ULTRALOC-3242**

Vinyl wedge roller

- Ideal for rolling wedge rubber

Order Code: **VROLLER**

Quick grip gloves

- One size fits all
- Pair of gloves

Order Code: **GLOVE**

*Not to be used in wet conditions

CPR sign

- Genuine Royal Life Saving QLD resuscitation chart
- Plastic coated

Order Code: **CPR**

Polaris grout

20kg bucket

Order Code: **GROUT-POL**

- Non shrink grout - rapid setting
- Aggregate free

Bostik HES grout

20kg bag

Order Code: **GROUT-BOS**

- Non shrink grout

Sika HES grout

20kg bag

Order Code: **GROUT-SIKA**

- Non shrink grout

Rapid set concrete

20kg bag

Order Code: **GROUT-RSC**

Post plugs

4 PACK

Order code: **SS-POSTPLUG-4PK**

- Ø32mm outer top suits 25mm hole
- Ideal for covering hole in post when affixing post to wall with inner fixing
- Suits post wall thickness 1.5mm - 3.2mm

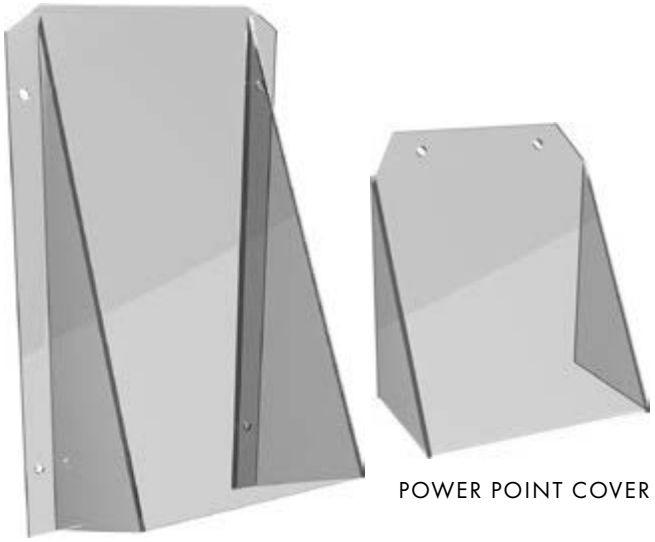
Scaffold planks

227MM WIDE

Order Code: **SCAF-3000 (3m)**
SCAF-4000 (4m)
SCAF-6000 (6m)

- Lightweight, durable aluminium planks
- Hardwearing rubber on top and bottom
- Knurled aluminium for extra grip
- Australian standards compliant and tested

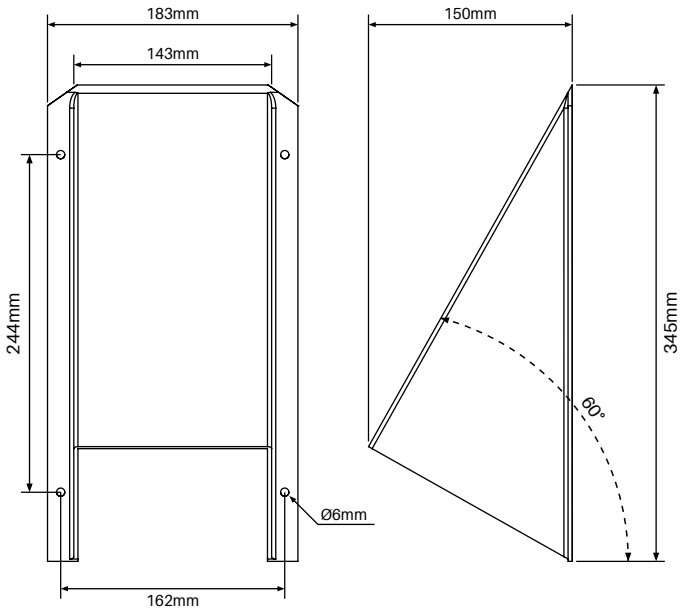
EXTRAS & ACCESSORIES



POWER POINT COVER

TAP COVER

TAP COVER SPECIFICATION



Toe hold prevention covers

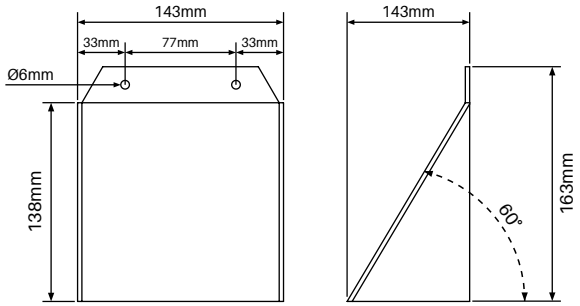
THERMOPLASTIC

Transparent finish

Order Code: **COVER-POWER (Power point cover)**
COVER-TAP (Tap cover)

- Transparent thermoplastic
- Cover features 60 degree angle to prevent a toe hold
- Ideal solution if tap or power point considered a step point
- Resistant to impact & chemicals
- Power point cover comes with 2 x predrilled fixing hole
  Includes 2 x SS316 screws (ST5x40mm) & 2 x wall plugs
- Tap cover comes with 4 x predrilled fixing hole
  Includes 4 x SS316 screws (ST5x40mm) & 4 x wall plugs

POWER POINT COVER SPECIFICATION



SS-TS-100-B

SS-TS-100-G

SS-TS-100-MN

Conveniently packed in bags of 100 tek screws

SS-TS-100-P

SS-TS-100-PB

SS-TS-100-S

SS-TS-100-SM

Self drilling tek screws

12Gx20mm - BAG OF 100

Black, woodland grey, monument, primrose, paperbark, silver & surfmist

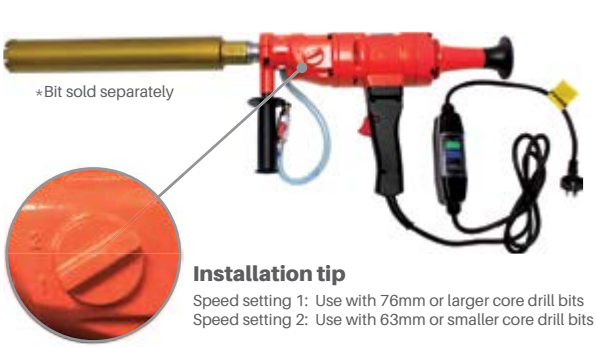
Order Code: **SS-TS-100-B (Black)**
SS-TS-100-G (Woodland grey)
SS-TS-100-MN (Monument)
SS-TS-100-P (Primrose)
SS-TS-100-PB (Paperbark)
SS-TS-100-S (Silver)
SS-TS-100-SM (Surfmist)

- Self drilling tek screw featuring integrated thread and drill/cutting tip
- 12G x 20mm tek screw with hex head
- Used in a variety of aluminium fencing applications
- Packed in convenient bags of 100 screws
- Available in a variety of powder coated head finishes - thread and tip not powder coated to ensure proper threading/cutting

Screening, battens & tubular systems

Be sure to ask for a copy of our other catalogues for more screening and fencing systems to complement our glass pool fencing.

DIAMOND REVOLUTION DRILL



Installation tip
Speed setting 1: Use with 76mm or larger core drill bits
Speed setting 2: Use with 63mm or smaller core drill bits

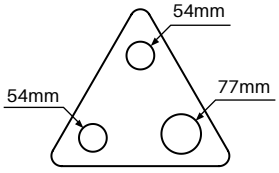
Diamond revolution drill
Core drill
Order Code: **REV-CD-2S**

- 2 speed core drill - 1500W
- Comes with case, allen key, spare set of brushes and manual
- Safety switch
- Uses common size 1 1/4" UNC male thread for diamon core bits

Technical data
Voltage: 240V
Rated frequency: 50-60Hz
Rated input power: 1500W
No load speed r/min: 2100/950
Weight: 6.5kg

Diamond revolution stand
Suits diamond revolution core drill
Order Code: **REV-STAND**

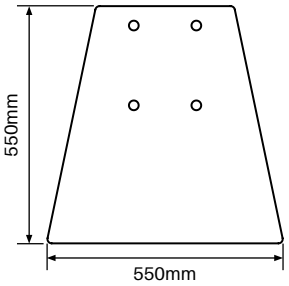
- Steel and aluminium construction
- Height: 800mm
- Base: 330mm x 380mm
- Weight: 12.6kg



Core drill template
Assists with starting to core drill hole
Stabilises the drill bit from jumping
Order Code: **REV-TEMPLATE**

Spirit level for core drill
Screws into core drill machine
Assists with drilling accurate holes
Order Code: **REV-LEVEL**

Splash guard/ water trap
Order Code: **REV-GUARD**



Base for stand
Order Code: **REV-BASE**

Core drill bits
Mild steel body & diamond impregnated crown tip

8mm mini core drill bit
Order Code: **REV-BIT-08**

10mm mini core drill bit
Order Code: **REV-BIT-10**

12mm mini core drill bit
Order Code: **REV-BIT-12**

14mm mini core drill bit
Order Code: **REV-BIT-14**

20mm mini core drill bit
Order Code: **REV-BIT-20**

53mm core drill bit
53mm x 450mm long
Order Code: **REV-BIT-53**

63mm core drill bit
63mm x 450mm long
Order Code: **REV-BIT-63**

76mm core drill bit
76mm x 450mm long
Order Code: **REV-BIT-76**

83mm core drill bit
83mm x 450mm long
Order Code: **REV-BIT-83**

89mm core drill bit
89mm x 450mm long
Order Code: **REV-BIT-89**

A FRAME TROLLEY

A frame trolley with removable caster wheels

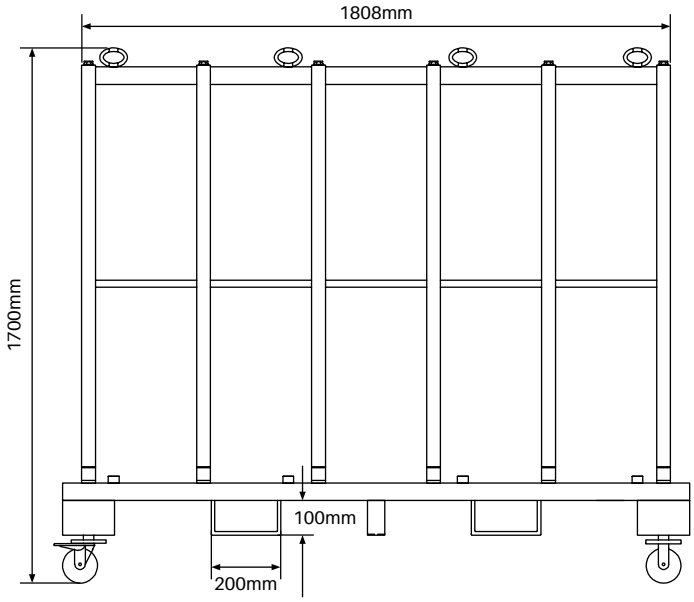
Includes caster wheels & ratchet straps

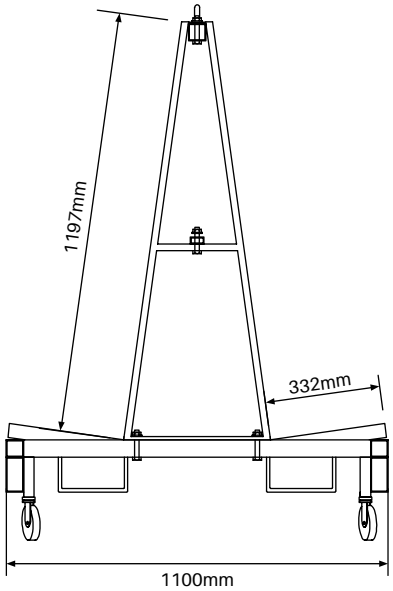
Order Code: **TROLLEY-FP (Flat pack)**
TROLLEY-A (Assembled)

- A frame is manufactured to comply with Australian standards
- 4x removable heavy duty caster wheels included
- Rated to 1600kg safe working load
- Rubber profiles, ratchet straps & retaining straps included
- Entire frame is hot-dip galvanised
- Forklift onto uts & trailers
- Forklift compatible from all four sides
- Ideal for transporting and storing glass, stone and other materials within the factory/warehouse
- 1100mm wide x 1808mm long x 1700mm high

Remove wheels and lift with a forklift onto back of ute

Other areas: Flat Pack ready to be assembled
3 boxes with assembly instructions





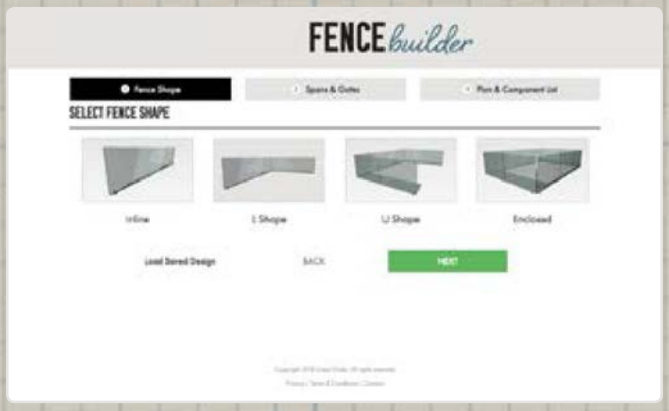
NOTE: DRAWINGS ARE NOT TO SCALE

FENCE builder

12mm thick frameless glass pool fencing calculator

Plan and build your glass pool fence online!

EASY TO USE POOL FENCE CALCULATOR FOR 12MM FRAMELESS GLASS POOL FENCES



Step 1

Choose your fence configuration

Step 2

Enter your fence specifications

Step 3

Review your fence plan and component list and email to yourself

Try it out today!

Visit our website and look for the **fencebuilder button** to start building your fence - or copy the links below into your web browser

www.my.fencebuilder.com.au

Errors and omissions excepted. Measurements and drawings are provided as a guide only and should not be relied upon solely for installation purposes.

Product codes, products and prices may change at Glass Outlet's discretion as systems are constantly reviewed and updated. Please contact Glass Outlet if you require clarification of product codes, pricing or product stocking.

Due to each installation situation being different, it is the installer's responsibility to seek engineering compliance and/or certification should it be required as part of a project, regulatory or statutory requirement.

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