SECTION 2
BALUSTRADE & POOL

OPUS
GLASS HARDWARE

Product Catalogue 2024

www.opushardware.com

SECTION 2 | BALUSTRADE AND POOL

BALUSTRADE & POOL
CHANNEL SYSTEMS

SYSTEM	MAX WIND LOAD (Subject to glass type & fixing method)	OCCUPANCY TYPE/S	GLASS CAPACITIES	SUITABLE SUBSTRATE
SMART LOCK (Top & Side Fix)	Extra High	A, B, E, C1/C2, C3, D	12mm to 21.52 mm	Concrete, Timber, Steel
VISTA (Side Fix)	Extra High	A, B, E & C3	12mm - 17.5mm	Concrete, Timber, Steel

PRODUCT OVERVIEW | CHANNEL SYSTEMS

SMART LOCK | Top/Side Fixed Channel

The Smart Lock System was developed for cantilevered structural balustrades to cope with the transition from monolithic Toughened Safety Glass (TSG) to Toughened Laminated Safety Glass (TLSG). The unique design uses a special high strength hollow-core aluminium extrusion and special (single side adjustment) glass clamp kits that secure and locate the glass into the aluminium section.

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CLEARVISTA | Side Fixed Channel

The Vista Channel is an ideal system for Deck Balustrades. Providing a slim, minimalistic look while delivering unobscured views, superior strength, durability and paramount safety. The Vista System has been crafted using high strength extruded aluminium and can be fin shed in a powder coat colour of your choice.

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TOP/SIDE FIXED CHANNEL
SMART LOCK

SMART LOCK 3.0 METRE KITS

PRODUCT & DESCRIPTION	FINISH	GLASS SIZE	CODE	3.0M PRICE
SL120B Base Fix System Complete with cladding cover, gaskets and glass clamps. (3.0 metre kit)	Satin Stainless Brushed	12mm	SL120B12	
		15mm	SL120B15	
		19mm	SL120B19	
		13.5mm	SL120B13	
		17.5mm	SL120B17	
		21.5mm	SL120B21	
	Black (Brushed ANO)	12mm	SL120BK12	
		15mm	SL120BK15	
		19mm	SL120BK19	
		13.5mm	SL120BK13	
		17.5mm	SL120BK17	
		21.5mm	SL120BK21	
SL120S Side/Face Fix System Complete with seal strip, gaskets, side cladding cover and glass clamps. (3.0 metre kit)	Satin Stainless Brushed	12mm	SL120S12	
		15mm	SL120S15	
		19mm	SL120S19	
		13.5mm	SL120S13	
		17.5mm	SL120S17	
		21.5mm	SL120S21	
	Black (Brushed ANO)	12mm	SL120SBK12	
		15mm	SL120SBK15	
		19mm	SL120SBK19	
		13.5mm	SL120SBK13	
		17.5mm	SL120SBK17	
		21.5mm	SL120SBK21	

* Powdercoat or Anodising P.O.A.
* Additional Fixing Kits on page 9.
* No Glass Cutouts Required.
* Pricing is in 3 metre kits

SMART LOCK COMPONENTS

PRODUCT	DESCRIPTION	FINISH	CODE	3.0M PRICE
	Base Channel Only (Drilled) 3.0mtr	MILL	SLMC	
	Side Cladding Only 3.0M	Satin Stainless (Brushed ANO)	SLSC-SS	
		Black (Brushed ANO)	SLSC-BK	
	Top Seal Strip Only *Doesn't include bulb seal, please refer to Bulb Seal Gasket section for respective glass thicknesses. **3.0M**	Satin Stainless (Brushed ANO)	SLTS-SS	
		Black **(Brushed ANO)**	SLTS-BK	
	Bottom Cladding Only 3.0M	Satin Stainless (Brushed ANO)	SLBC-SS	
		Black (Brushed ANO)	SLBC-BK	

*Powdercoat or Anodising P.O.A   (*Pricing per length)

PRODUCT	DESCRIPTION	GLASS SIZE	CODE	PRICE
	Glass Clamp Kits Only **each kit contains 10 clamps**	to suit 12mm glass	SLC12	
		to suit 15mm glass	SLC15	
		to suit 19mm glass	SLC19	

PRODUCT	DESCRIPTION	SIZE	FINISH	CODE	PRICE
	End Caps *price per cap	Base Fix	suit SL120B	Satin	SLECB-SS	
		Face Fix	suit SL120S	Satin	SLECS-SS	
		Base Fix	suit SL120B	Black	SLECB-BK	
		Face Fix	suit SL120S	Black	SLECS-BK	

SMART LOCK COMPONENTS & FIXING KITS

PRODUCT	DESCRIPTION	SIZE	CODE	PRICE
	Quick Lock Ratchet Spanner For fittment and adjustmen		SLSS	

PRODUCT	DESCRIPTION		CODE	PRICE
  Fixing Kits	Base/Top Fix	Concrete	SLCFIX1	
		Steel	SLSFIX1	
		Timber (Through Bolt)	SLTBFIX1	
		Timber (Lag Screw)	SLLSFIX1	
	Side/Face Fix	Concrete	SLCFIX2	
		Steel	SLSFIX2	
		Timber (Through Bolt)	SLTBFIX2	
		Timber (Lag Screw)	SLLSFIX2	

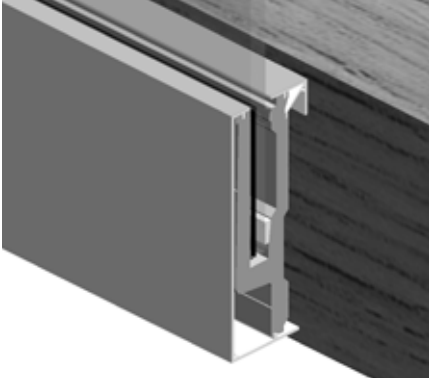*EPDM Washers not included in Kits. Fixing Kits sold per mounting hole set.
*Additional Adhesives, Sealants may be required,
*Fxing kits include stainless fix ures only.

SIDE FIX CHANEL
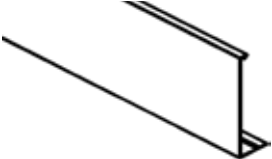# VISTA

VISTA KITS & COMPONENTS

PRODUCT	DESCRIPTION	LENGTH	CODE	PRICE
	Vista System Kits (Mill Finish)	Full length 4.8m	OBFC-48M	
		Per mtr	OBFC	

*Kits come complete with Channel, Front & Back covers, Clamping plate, Grub screws & Plastic packers.
*Suits 12-17.5mm Glass (May require Specific Design
*Powdercoat or Anodising P.O.A
*No Glass Cutouts Required

PRODUCT	DESCRIPTION	LENGTH	CODE	PRICE
	Channel Only (Drilled)	4.8m	OBFCB48	
		2.4m	OBFCB24	
	Inner Clamp Only	4.8m	OBFCFI48	
		2.4m	OBFCIC24	
	Front Cover Only (Mill)	5m	OBFCFC48	
		2.5m	OBFCFC24	
	Back Cover Only (Mill)	5.2m	OBFCBC48	
		2.6m	OBFCBC24	
	End Cap		OBFCEC	

PRODUCT	DESCRIPTION	TYPE	CODE	PRICE
	Fixing Kits	Concrete	OFIX7	
		Steel	OFIX	
		Timber (Through Bolt)	OFIX6	
		Timber (Lag Screw)	OFIX8	

BALUSTRADE & POOL
STANDOFF FITTINGS

SYSTEM	MAX WIND LOAD (Subject to glass type & xing method)	OCCUPANCY TYPE/S	GLASS CAPACITIES	SUITABLE SUBSTRATE
SD50 (50mm Double Disc System)	Extra High	A, B, E & C3	12mm - 17.5mm	Concrete, Timber, Steel
SD75 (75mm Single Disc System)	Extra High	A, B, E & C3	12mm - 17.5mm	Concrete, Steel
SD100 (100mm Single Disc System)	Very High	A, B, E & C3	12mm - 17.5mm	Concrete, Steel
PF150 (Point Fix Plate System)	Very High	A, B, E & C3	12mm - 17.5mm	Concrete, Timber, Steel
PRADIS (Standoff radis Clamp System)	Extra High	A, B, E, C1/C2, C3, C5, D & F	12mm to 21.5mm	Concrete, Timber, Steel

PRODUCT OVERVIEW | STANDOFF FITTINGS

SD50 | 50mm DoubleDisc System

The DoubleDisc SD50 system is a 50mm diameter traditional stainless steel anchor fixing offering, ideal for those seeking a more industrial frameless glass balustrade aesthetic. The standoff body sets the glass panels out from the deck to assist with water draining and cleaning. The system is ideal for external/internal balconies, stairs and landings. It can be fixed directly to either timber, steel or concrete surfaces and is finished with an interlinking top rail (where required) in a choice of stainless steel or powder coat colours to suit. The finish options are mirror polished stainless steel with a hidden fixing detail or satin stainless steel with a visible fixing detail. Adjustable options are also available.

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SD75 | 75mm Single Disc System

The SingleDisc SD75 was born from testing and modelling balustrade fixings to determine the optimum economical fitting for clamp fixing balustrades. The outer disc was profiled to give an attractive appearance and the single fixing point means it can be located on the edge of narrow concrete slabs or steel profiles.

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SD100 | 100mm Single Disc System

The SingleDisc SD100 was designed to provide a more solid aesthetic look to single point clamping, as an alternative option to DoubleDisc, SD50 or continuous plate systems. The outer and inner discs are simple circular profiles and the single fixing point means it can be located on the edge of narrow concrete slabs or steel profiles.

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PF150 | Point Fix Plate System

Designed in response to demands for maximum visibility, the PlateFix PF150 Frameless Glass Balustrade presents minimal fixings and clearer views beyond the glass panels. The PlateFix PF150 is an marine grade stainless steel clamp that fixes 12mm/17.52mm thick toughened glass panels to the external edge of balconies and stairs - as well as for internal stairs and landings. The PlateFix PF150 has a wide body which sets the glass out from the deck 20mm, assisting with water drainage and cleaning, but fixing centres are up to 50% narrower than our traditional DoubleDisc Anchors - providing a comparatively less visual and far more linear fixing detail.

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PRADIS | Standoff Pradis Clamp System

Pradis Balustrade showcases the latest in face fixing technology allowing the Pradis clamps to be located up to 800mm from one another for modern simplicity. Pradis is stronger than other conventional systems; anchors, single disc etc. Quick to install and easy to adjust. The Pradis can be fixed to a 150mm tall substrate.

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OPUS
GLASS HARDWARE

50MM BUTTON FITTINGS
SD50 DISCS

SD50 DISC ASSEMBLIES

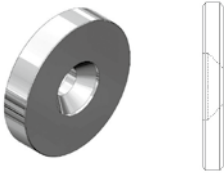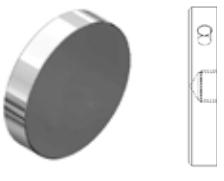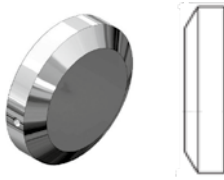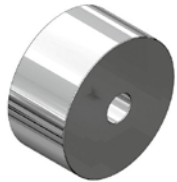| PRODUCT	DESCRIPTION	STANDOFF SIZE	FINISH	CODE	PRICE
	SD50 Screw Head 50mm diameter assembly with stand-o , and fl t edge screw head.	30mm (other sizes available)	Polished Stainless	SD5030-SH-PS	
			Satin Stainless	SD5030-SH-SS	
	SD50 Flat Head 50mm diameter assembly with stand-o , and fl t edge concealed stepped head.	30mm (other sizes available)	Polished Stainless	SD5030-FH-PS	
			Satin Stainless	SD5030-FH-SS	
	SD50 Beveled Head 50mm diameter assembly with stand-o , and beveled fl t edge concealed head.	30mm (other sizes available)	Polished Stainless	SD5030-BH-PS	
			Satin Stainless	SD5030-BH-SS	
			Black (PVD)	SD5030-BH-BK	
	SSD50 Square Anchor 50mm Square assembly with stand-o , and fl t edge concealed head.	25mm	Polished Stainless	SSD5025-FH-PS	
			Satin Stainless	SSD5025-FH-SS	
	SD50/A Adjustable Anchor 50mm diameter assembly with an adjustable stand-o , and fl t edge screw head.	Adjustable (40-50mm)	Polished Stainless	ASD5030-SH-PS	
			Satin Stainless	ASD5030-SH-SS	
	Glass to Cleat Anchor 50mm diameter with round edge head and stando . Glass to cleat fixing. o suit 10, 12 and 15mm toughened glass.	6mm	Satin Stainless	CA50-SS	
	Square Cover Kit To Convert SD50 Fittings Round Fixings to Square Sets.	30mm	Polished Stainless	SD50SCK-PS	
			Satin Stainless	SD50SCK-SS	

*Fixings ordered separately, see M10 Rod and Lag Screw options (page 29)
*Options for up to 12 - 17.5mm glass.

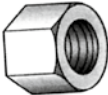***SPECIFY GLASS THICKNESS ON ORDER.**
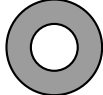
50MM DISC COMPONENTS

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
	50mm CSK Head Only M10	Polished Stainless	SDSH-PS	
		Satin Stainless	SDSH-SS	
	50mm Flat Head Only 50mm Dia x 10mm M10	Polished Stainless	SDFH-PS	
		Satin Stainless	SDFH-SS	
	50mm Beveled Head Only **M10**	Polished Stainless	SDBH-PS	
		Satin Stainless	SDBH-SS	

		BODY WIDTH	CODE	PRICE
	50mm Threaded Body Only M10	6mm	SDB6-SS	
		20mm	SDB20-SS	
		25mm	SDB25-SS	
		30mm	SDB30-SS	
		40mm	SDB40-SS	
		50mm	SDB50-SS	
	50mm Spacer Only 10.5mm Through Hole	6mm	SDS6-SS	
		20mm	SDS20-SS	
		25mm	SDS25-SS	
		30mm	SDS30-SS	
	50mm Weatherboard Shim 8 degree angle, 12mm tapered to 5mm, 10.5mm dia. through hole, SS.	12mm > 5mm	SP505WBSS	

50MM DISC FIXINGS

PRODUCT	DESCRIPTION	M SIZE	LENGTH	CODE	PRICE
	Stainless Steel Rods	M10	50mm	M10-R50	
			100mm	M10-R100	
			115mm	M10-R115	
			140mm	M10-R140	
	SS Lag Screw (External Application)	M10	100mm	LS10100	
			120mm	LS10120	
	Zinc Plated Lag Screw (Internal Application)	M10	70mm	LS100702L	
			100mm	LS101002L	
			120mm	LS101202L	

PRODUCT	DESCRIPTION	SIZE	CODE	PRICE
	Hex Nut	M10	M10-HN	
	Dome Nut	M10	M10-DN	
	Nylon Bush to suit M10 Rod	19.5mm Dia	NB-20	
	Black Fibre Gasket 0.8mm Thick, for Exterior and Interior Applications	50mm Dia	FG-50	
	Opaque LDPE Gasket 0.8mm Thick, for Interior Applications	50mm Dia	LG-50	
	Washers	M10 x 30mm dia washers 2.5mm SS	M10-30	
		50 x 50 x 3 Flat Square Washer SS	M10-SQ	
	Spring Washer	M10 Spring Washer SS	M10-5HR	
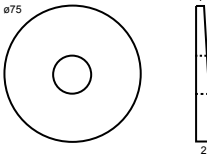
75MM BUTTON FITTINGS
SD75 DISCS

SD75 DISC ASSEMBLIES

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
	SD75 Screw Head 75mm diameter assembly with 30mm stand-o , and beveled edge screw head. - Fitting suitable for single line - Fixings at 400mmm max centres - Glass hole 25mm	Satin Stainless	SD75	
	Square Cover Kit To Convert SD75 to square fitting 30mm Stando	Polished Stainless	SD75SCK-PS	
		Satin Stainless	SD75SCK-SS	

*Fixings ordered separately, see M12 Rod options below
*Options for up to 12 - 17.5mm glass.

***SPECIFY GLASS THICKNESS ON ORDER.**

PRODUCT	DESCRIPTION	M SIZE	LENGTH	CODE	PRICE
	Stainless Steel Rods	M12	60mm	M12-R60	
			120mm	M12-R120	
			150mm	M12-R150	
	M12 Hex Nut			M12-HN	
	M12 Dome Nut			M12-DN	
	Black Fibre Gasket 0.8mm Thick, for Exterior and Interior Applications 75mm Dia			FG-75	
	Opaque LDPE Gasket 0.8mm Thick, for Interior Applications 75mm Dia			LG-75	
	Washers		M12 x 24mm dia washers 2.5mm SS	FW1224	
	Tapered shim Black nylon material.		Tapered shim for MB75 fixing. 1-2m	TS75-1-2	
			Tapered shim for MB75 fixing. 1-3m	TS75-1-3	

OPUS GLASS HARDWARE

GLASS HARDWARE

100MM BUTTON FITTINGS
SD100 DISCS

SD100 DISC ASSEMBLIES

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
	SD100 Screw Head 100mm diameter assembly with 30mm stand-o , and beveled edge screw head. Compliant to NZS1170 for use in domestic and commercial installations - Fitting suitable for single line - Fixings at 400mmm max centres - Glass hole 25mm *SD100 is made to order.	Satin Stainless	SD100	

*Fixings ordered separately, see M12 Rod and Lag Screw options below
*Options for up to 12 - 17.5mm glass.

***SPECIFY GLASS THICKNESS ON ORDER.**

PRODUCT	DESCRIPTION	M SIZE	LENGTH	CODE	PRICE
	Stainless Steel Rods	M12	60mm	M12-R60	
			120mm	M12-R120	
			150mm	M12-R150	
	M12 Hex Nut			M12-HN	
	M12 Dome Nut			M12-DN	
	Black Fibre Gasket 0.8mm Thick, for Exterior and Interior Applications 100mm Dia			FG-100	
	Opaque LDPE Gasket 0.8mm Thick, for Interior Applications 100mm Dia			LG-100	
	Washers		M12 x 24mm dia washers 2.5mm SS	FW1224	

STANDOFF PLATE FIX SYSTEM
PLATEFIX PF150

PF150 PLATEFIX ASSEMBLIES

PRODUCT	DESCRIPTION	CODE	PRICE
	PF150 Plate Fix Fitting. Single or Double point fixing 316SSS Finish. 20mm stand off space , 6mm outer plate. 150mm long with 50mm radius ends. Compliant to AS/NZ1170 for use in both domestic and commercial balustrades and pool fences.	PF150	

*Fixings ordered separately, see M12 Rod and Lag Screw options below
*Options for up to 12 - 17.5mm glass.

***SPECIFY GLASS THICKNESS ON ORDER.**

PRODUCT	DESCRIPTION	CODE	PRICE
	Wood fix M10 x 120mm CSK Socket screw, 50mm diameter Washer & Hex Nut - 316SSS (Double point fix X 2 fixin	CBW-120	
	Wood fix M12 x 130mm CSK Socket screw, 50mm diameter Washer & Hex Nut - 316SSS (Single point fix X 1 fixin	CBW-130	
	Hilti 10mm Masonry Sleeve (Double point fix X 2 fixing	MF110	
	Hilti 12mm Masonry Sleeve (Single point fix X 1 fixin	MF125	
	Metal Fix 10 x 50mm CSK Socket screw, fl t washer & Hex Nut 316SSS (Double point fix X 2 fixing	SF50-10	
	Metal Fix 12 x 50mm CSK Socket screw, fl t washer & Hex Nut 316SSS (Single point fix X 1 fixin	SF50-12	

BALUSTRADE STANDOFF CLAMP
# PRADIS CLAMP

PRADIS CLAMP

Pradis Face Mounted Clamp

PRADIS Anodised Aluminium Clamps can be fixed to the following different substrate types; Concrete, Steel, Timber. Suitable for glass thickness from 12mm to 22.38mm (can be adapted to take other glass thicknesses - upon request)

PRODUCT	DESCRIPTION		CODE	PRICE
	Clamp with Fixing Kit	Satin ANO	EZ1-SA	
		Black	EZ1-BLK	
	Kit for bolt through xings. M12 x 170mm threaded stud 50 x 50mm square washer, M12 nut.	Satin ANO	EZ1BT-SA	
		Black	EZ1BT-BLK	
	Kit for Steel Substrates M12 x 100mm threaded stud, M12 Nut	Satin ANO	EZ1S-SA	
		Black	EZ1S-BLK	
	Kit for lag screw xings for exposed Timber substrates. M12 x 200mm lag screw	Satin ANO	EZ1LE-SA	
		Black	EZ1LE-BLK	
	Kit for lag screw xings for concealed Timber substrates. M12 x 160mm lag screw, EPDM washer	Satin ANO	EZ1LC-SA	
		Black	EZ1LC-BLK	
	Kit for Concrete substrates M12 x 170mm threaded stud	Satin ANO	EZ1C-SA	
		Black	EZ1C-BLK	

*SPECIFY GLASS THICKNESS ON ORDER.

*SPACINGS VARY DEPENDING ON FIXINGS AND SUBSTRATE.

30mm diameter

60mm

Bottom Edge of Glass
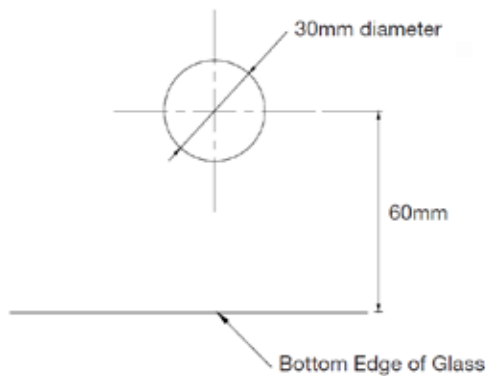
COMMERCIAL BALUSTRADE POSTS
SEMI-FRAMELESS POSTS

SEMI-FRAMELESS POSTS

PRODUCT	DESCRIPTION

Semi-Frameless Balustrade Posts

The Resolute & Milano Balustrade is a frameless full height post system where the top and bottom edges of the glass are exposed. This system can be used as a pool fence, balustrade or as a wind break.

Unlike other systems the posts can be fi ed up to 1650mm apart and with 500mm overhangs allows for a panel width of 2650mm overall, which reduces the amount posts required across the deck (Balustrade post locations are based on the wind zone). Based on design loads from AS/NZS 1170.1 and a max uls wind pressure of 2.13kPa (Extra high wind zone).

Rated for occupancy A, B, E, C1, C2, C3, D and C5. Suited for 8-17.5mm glass.

Fixed at 1650mm centres Max,
Maximum height 2000mm, Maximum glass overhang 500mm (each side).

*Posts are all P.O.A - Please contact the team for further information & pricing.

PRODUCT	DESCRIPTION	FIXING TYPE	CODE	PRICE
	Floor Mount Includes 1x Post and fixing kit specifie	Concrete	OB100-C	
		Timber/Steel	OB100-T	
	Face Fixed Includes 1x Post and fixing kit specifie	Concrete	OB101-C	
		Bolt Through	OB101-T	
		Steel	OB101-S	
	Face Fixed ***With Concealed Fixings** Includes 1x Post and fixing kit specifie	Concrete	OB101C-C	
		Steel	OB101C-S	

SYSTEM	MAX WIND LOAD (Subject to glass type & xing method)	OCCUPANCY TYPE/S	GLASS CAPACITIES	MAXIMUM HEIGHTS	SUITABLE SUBSTRATE
RESOLUTE/ MILANO	Extra High	A, B, E, C1, C2, C3, C5, D	8mm - 17.5mm	2000mm above top xing	Concrete, Timber, Steel

BALUSTRADE & POOL
SPIGOTS & STRUT POSTS

SYSTEM	MAX WIND LOAD (Subject to glass type & xing method)	OCCUPANCY TYPE/S	GLASS CAPACITIES	SUITABLE SUBSTRATE
SP15	Extra High	A, B, E & C3	12mm - 17.5mm	Concrete, Timber, Steel
		Pool Fencing		
SP10	Medium	A, B, E & C3	10mm - 13.5mm	Concrete, Timber, Steel
		Pool Fencing		
SP13	Extra High	A, B, E & C3	12mm - 17.5mm	Concrete, Timber, Steel
		Pool Fencing		
SP14	Extra High	A, B, E & C3	12mm - 17.5mm	Concrete, Timber, Steel
		Pool Fencing		
PS175	Medium	A & C3	10mm to 12mm	Concrete, Timber, Steel
		Pool Fencing		
PR160	High	A & C3	10mm to 12mm	Concrete, Timber, Steel
		Pool Fencing		

PRODUCT OVERVIEW | SPIGOTS & STRUT POSTS

SP15/10 | Base Fix

The Oval Base Fix Strut Posts SP15 & SP10 are a popular choice when it comes to unmatched quality and ease of use. The stunning strut design creates an architectural statement in itself, available in Polished, Satin or Brushed Black. These can be used with 10mm up to 17.52mm Glass.

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SP13 | Face/Side Fixed

The Face/Side Fix Strut Post SP13 is a new product complimenting the base fixed posts to allow side fixing applications with larger Glass spans and sizes. These are a popular choice when it comes to unmatched quality and ease of use. The stunning strut design creates an architectural statement in itself, available in Polished, Satin or Black. These can be used with 12mm up to 17.52mm Glass.

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SP14 | Centrally Fixed

The Centrally Fixed Strut Post SP14 is a new product complimenting the base and side fixed posts to provide a seamless and stunning fin shed application with all fixings concealed within the core. These are a popular choice when it comes to unmatched quality and ease of use. The stunning strut design creates an architectural statement in itself, available in Polished, Satin or Brushed Black. These can be used with 12mm up to 17.52mm Glass.

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PR160 | Round Base Fix Spigot

Economical Round Spigot base fixed option for pool fences and balustrades. The PR160 Spigot is great option for professionals who want to be able to use an economical spigot for both Pool and Balustrade without the need to compromise with the product tested to perform.
- 10-12mm Glass
- Adjustable base plate
- Compatible with MOOD LED System

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PS175 | Square Base Fix Spigot

Economical Square Spigot base fixed option for pool fences and balustrades. Like the PR160, The PS175 Spigot is great option for professionals who want to be able to use an economical spigot for both Pool and Balustrade without the need to compromise with the product tested to perform.
- 10-12mm Glass
- Adjustable base plate
- Compatible with MOOD LED System

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BALUSTRADE & POOL
SPIGOTS & STRUT POSTS

STRUT POSTS

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
SP10 Base Fix 2 point M10 fixing o substrate 2205 duplex grade To be used with **10–13.52mm** toughened or toughened laminated glass. No holes or cut outs required in glass.		**Polish**	SP10-PS	
		Brushed Satin	SP10-SS	
		Black	SP10-BK	
SP15 Base Fix Heavy Duty Strut Post 2 point M12 fixing o substrate 2205 duplex grade For Occupancy A, B, C3, E and pool fences. Up to Very High Wind Zone. Can be used with **12–17.52mm** toughened or toughened laminated glass. No holes or cut outs required in glass. Engineered system. Strength exceeds round or square designs.		**Polish**	SP15-PS	
		Brushed Satin	SP15-SS	
		Black	SP15-BK	

FIXING KITS		METRIC	CODE	PRICE
Masonry Fix		M10	SP10FK-1	
2x 115mm Threaded Rod, Flat Washer and Nut Stainless Steel		M12	SP15FK-1	
Steel Fix		M10	SP10FK-2	
2x 40mm Hex Bolt, Flat Washer and Nut Stainless Steel		M12	SP15FK-2	
Timber Fix		M10	SP10FK-3	
2x 180mm Coach Screw & HD Flat Washer Stainless Steel		M12	SP15FK-3	

STRUT POSTS

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
	SP13 Face/Side Fix Heavy Duty Strut Post 2 point M12 fixing o substrate 2205 duplex grade For Occupancy A, B, C3, E and pool fences. Up to Very High Wind Zone. Can be used with **12–17.52mm** toughened or toughened laminated glass. No holes or cut outs required in glass. Engineered system. Strength exceeds round or square designs.	**Polish**	SP13-PS	
		Brushed Satin	SP13-SS	
		Brushed Black	SP13-BK	

FIXING KITS	CODE	PRICE
Masonry Fix 2x 140mm M12 Threaded Rods, Flat Washers and Nuts Stainless Steel	SP13FK-1	
Steel Fix 2x 60mm M12 Hex Bolts, 4x Flat Washers and Nuts Stainless Steel	SP13FK-2	
Timber Fix 2x 140mm M12 Coach Screws & HD Flat Washers Stainless Steel	SP13FK-3	
Timber Through Fix 2x 180mm M12 Threaded Rods, 4x Flat Washers and Nuts Stainless Steel	SP13FK-4	

STRUT POSTS

PRODUCT	DESCRIPTION	FINISH		CODE	PRICE
	SP14 Centrally Fixed Heavy Duty Strut Post Single or Double point M14/M12 fixing o substrate 2205 duplex grade For Occupancy A, B, C3, E and pool fences. Up to Very High Wind Zone. Can be used with **12–17.52mm** toughened or toughened laminated glass. No holes or cut outs required in glass. Engineered system. Strength exceeds round or square designs. (Includes center locking nut)		**Polish**	SP14-PS	
			Brushed Satin	SP14-SS	
			Brushed Black	SP14-BK	

FIXING KITS	CODE	PRICE
Masonry Fix 1 1x 180mm M14 Threaded Rod Stainless Steel	SP14FK-1	
Masonry Fix 2 2x 120mm M12 Threaded Rods Stainless Steel	SP14FK-2	
Steel Fix 2x 60mm M12 Threaded Rods, 2x Flat Washers and Nuts Stainless Steel	SP14FK-3	
Timber Through Fix 2x 180mm M12 Threaded Rod, 2x Flat Washers and Nuts Stainless Steel	SP14FK-4	

MINI POST SPIGOTS

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
	PR160 Round Pool Spigot Domestic and Residential Occupancy A and C3. Rated to be used up to a High wind zone (1.76Kpa or less) To be used with 12mm Glass No Holes in Glass Required Pool & Balustrade Includes Baseplate for adjustment	**Polish**	PR160-PS	
		Satin	PR160-SS	
		Black	PR160-BK	

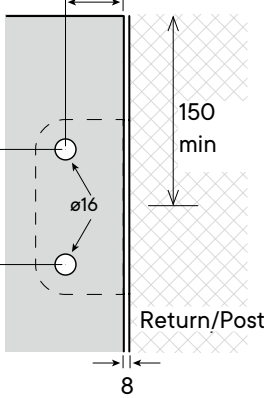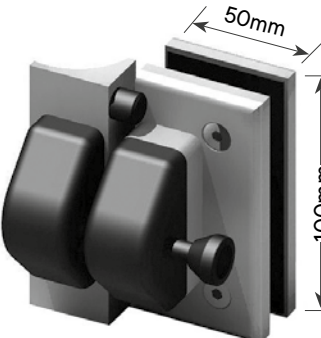| FIXING KITS & ACCESSORIES	CODE	PRICE
Masonry M10 Fix 4x 140mm M10 Threaded Rods, Flat Washers and Nuts Stainless Steel	PSFKIT-1	
Steel Fix 4x 60mm M10 Hex Bolts, 8x Flat Washers and Nuts Stainless Steel	PSFKIT-2	
Timber Fix 4x 140mm M10 Coach Screws & HD Flat Washers Stainless Steel	PSFKIT-3	
Timber Through Fix 4x 180mm M10 Threaded Rods, 8x Flat Washers and Nuts Stainless Steel	PSFKIT-4	

MINI POST SPIGOTS

PRODUCT	DESCRIPTION	FINISH		CODE	PRICE
	PS175 Square Pool Spigot Domestic and Residential Occupancy A and C3. Rated to be used up to a High wind zone (1.76Kpa or less) To be used with 12mm Glass No Holes in Glass Required Pool & Balustrade Includes Baseplate for adjustment		**Polish**	PS175-PS	
			Satin	PS175-SS	
			Black	PS175-BK	

FIXING KITS	CODE	PRICE
Masonry M10 Fix 4x 140mm M10 Threaded Rods, Flat Washers and Nuts Stainless Steel	PSFKIT-1	
Steel Fix 4x 60mm M10 Hex Bolts, 8x Flat Washers and Nuts Stainless Steel	PSFKIT-2	
Timber Fix 4x 140mm M10 Coach Screws & HD Flat Washers Stainless Steel	PSFKIT-3	
Timber Through Fix 4x 180mm M10 Threaded Rods, 8x Flat Washers and Nuts Stainless Steel	PSFKIT-4	

MFG POOL GATE LATCHES
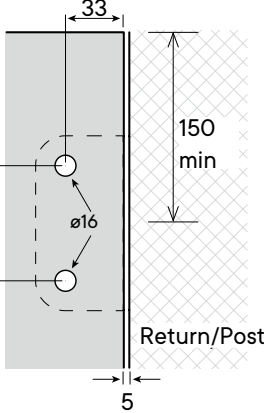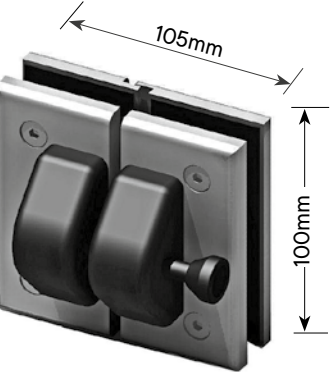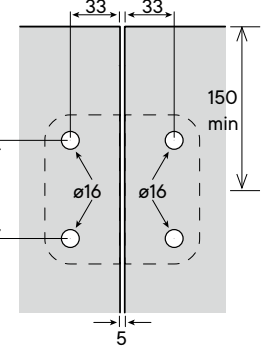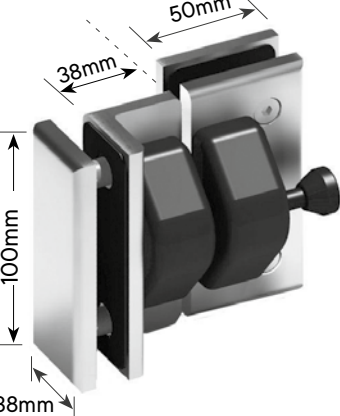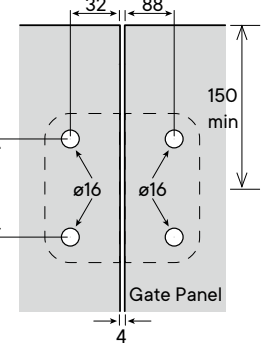
PRODUCT	DESCRIPTION	GLASS PREPARATION	FINISH	CODE	PRICE
	PGL Gate Latch and Keeper Gate and side panel. Single action, self-latching magnetic operation. Standard for 12mm glass.	33 33 150 min 66 ø12 ø12 Gate Panel 5	Satin Stainless	PGL-SS	
			Polish	PGL-PS	
	PGL-PF Square Post Gate Latch and Strike Gate to post mount. Single action, self-latching magnetic operation. Standard for 12mm glass.	58 150 min 66 Gate Panel Return/Post 10	Satin Stainless	PGL-PF-SS	
			Polish	PGL-PF-PS	
	PGL-PR Round Post Gate Latch and Strike Gate 50mm dia. post mount. Single action, self-latching magnetic operation. Standard for 12mm glass.	58 150 min Gate Panel 66 ø12 Return/Post 10	Satin Stainless	PGL-PR-SS	
			Polish	PGL-PR-PS	
	PGL90 Gate latch and keeper Gate that closes to a side panel at 90˚. Single action, self-latching magnetic operation. Standard for 12mm glass.	71 32 150 min Gate Panel 66 ø16 ø12 5	Satin Stainless	PGL90-SS	
			Polish	PGL90-PS	

OPUS GLASS HARDWARE

POLARIS SOFT CLOSE HINGES

PRODUCT	DESCRIPTION
	POLARIS Soft Close Hinges 155 Series The Polaris 155 Series RETROFIT HINGES were purposely designed to RETROFIT onto existing Spring Hinge gates. No need for costly new glass, quick and simple to install and available to suit almost every gate option. Featuring our "Quik-Adjust" Ratchet cap for simple speed adjustment and interchangeable dampers for complete customization closing force. Tested and NZ/AUS Pool compliance certified o 25,000 cycles. Retrofi s directly into 8-12mm spring hinge glass gates (hole/cut out dependant) Both self closing and soft closing f om any position Quick and easy to install / D.I.Y Quik-adjust ratchet cap for simple speed adjustment

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
	POLARIS Soft Close Glass to Glass Hinge Retrofit able (various fixing options) Glass o Glass Soft Close g te hinge. 8-12mm Glass. 45kg Max *SOLD AS A PAIR (2x Hinges)*	Satin Stainless	SC180-S	
		Polished Stainless	SC180-C	
		Black	SC180-BK	
	POLARIS Soft Close Wall to Glass Hinge Retrofit able (various fixing options) all to Glass So Close gate hinge. 8-12mm Glass. 45kg Max *SOLD AS A PAIR (2x Hinges)*	Satin Stainless	SC090-S	
		Polished Stainless	SC090-C	
		Black	SC090-BK	

EG GATE LATCHES
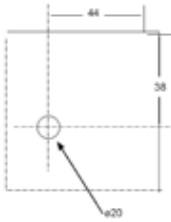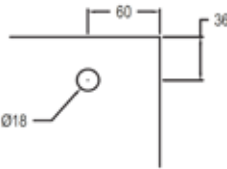
PRODUCT	DESCRIPTION	GLASS PREPARATION	FINISH	CODE	PRICE
EHPL1 Gate Latch 100mm	Closes to a post or in line wall. Single action, self-latching magnetic operation. Standard for 12mm glass.	150 min, 66, ø16, Return/Post, 8	Satin Stainless	EHPL1-SS	
EHPL1RP Round Post Gate Latch and Strike 50mm / 100mm	Gate 50mm dia. post mount. Single action, self-latching magnetic operation. Standard for 12mm glass.	33, 150 min, 66, ø16, Return/Post, 5	Satin Stainless	EHPL1RP-SS	
EHPL2 Gate Latch and Keeper 105mm / 100mm	Gate and side panel. Single action, self-latching magnetic operation. Standard for 12mm glass.	33, 33, 150 min, 66, ø16, ø16, 5	Satin Stainless	EHPL2-SS	
EHPL290 Gate latch and keeper 50mm / 38mm / 100mm / 38mm	Gate that closes to a side panel at 90°. Single action, self-latching magnetic operation. Standard for 12mm glass.	32, 88, 150 min, 66, ø16, ø16, Gate Panel, 4	Satin Stainless	EHPL290-SS	

O5 GLASS HARDWARE

VIENNA HYDRAULIC GATE HINGES

PRODUCT	DESCRIPTION	TYPE	FINISH	CODE	PRICE (PR)
	EH4T Glass to Wall Hydraulic Hinge Hinge opening angle 100˚. Self-closing from any angle. Available in non-hold open and hold open options. Centre T Style backplate. Max recommended glass weight: 70kg Max recommended door span: 900mm Standard for 12mm glass, can be supplied for 10mm *SOLD AS A PAIR (2x Hinges)*	NON-HOLD OPEN	Satin Stainless	EH4NHOSS	
			Polished Stainless	EH4NHOPS	
		HOLD OPEN	Satin Stainless	EH4HOSS	
			Polished Stainless	EH4HOPS	
	EH4L Glass to Wall Hydraulic Hinge Hinge opening angle 100˚. Self-closing from any angle. Available in non-hold open and hold open options. Offset L Style backplate. Max recommended glass weight: 70kg Max recommended door span: 900mm Standard for 12mm glass, can be supplied for 10mm *SOLD AS A PAIR (2x Hinges)*	NON-HOLD OPEN	Satin Stainless	EH4NHOLSS	
			Polished Stainless	EH4NHOLPS	
		HOLD OPEN	Satin Stainless	EH4HOLSS	
			Polished Stainless	EH4HOLPS	
	EH3 Glass to Glass Hydraulic Hinge Hinge opening angle 100˚. Self-closing from any angle. Available in non-hold open and hold open options. Glass to Glass Style. Max recommended glass weight: 70kg Max recommended door span: 900mm Standard for 12mm glass, can be supplied for 10mm *SOLD AS A PAIR (2x Hinges)*	NON-HOLD OPEN	Satin Stainless	EH3NHOSS	
			Polished Stainless	EH3NHOPS	
		HOLD OPEN	Satin Stainless	EH3HOSS	
			Polished Stainless	EH3HOPS	
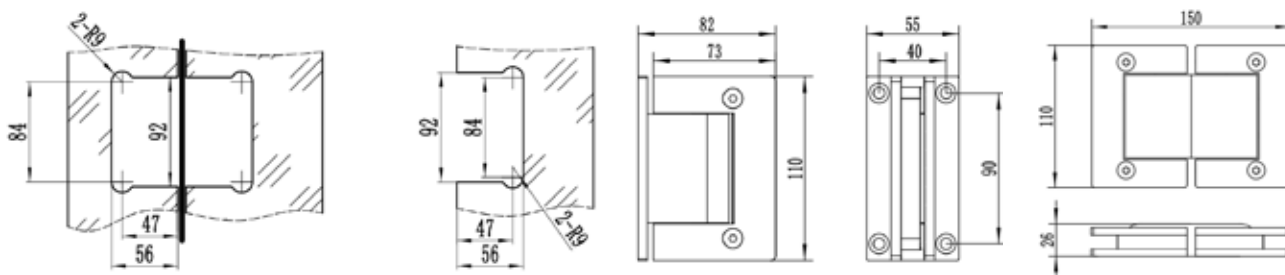
GATE PIVOT ARMS & PATCHES

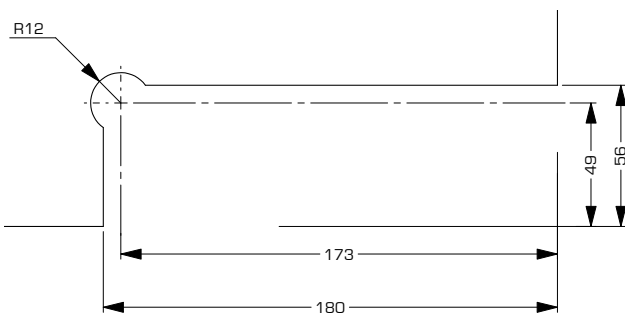| PRODUCT	DESCRIPTION	TYPE	FINISH	CODE	PRICE
	PGA Patch to Patch Gate Pivot Arm Used with 2 MP20 Top Patch Fittings, Glass to Glass.		SSS	PGA-SS	
			PSS	PGA-PS	
	PWA Wall to Patch Gate Pivot Arm Suits Glass to MP20 Top Patch fittin 10-12mm glass,		SSS	PWA-SS	
			PSS	PWA-PS	
	PGH2 Glass to Patch Gate Pivot Arm Suits Glass to MP20 Top Patch fittin 10-12mm glass,		SSS	PGH2-SS	
			PSS	PGH2-PS	
	PGH6 Glass to Patch 90 Gate Pivot Arm Suits Glass to MP20 Top Patch fittin 10-12mm glass,		SSS	PGH6-SS	
	HPT20/MP20 Top Patch Fitting Suits 10-12mm glass, For Opus pivot range and fittings. Adjus able pivot insert, Factory set at 55mm		SSS	HPT20SS	
			PSS	HPT20PS	
			Black	HPT20BLK	
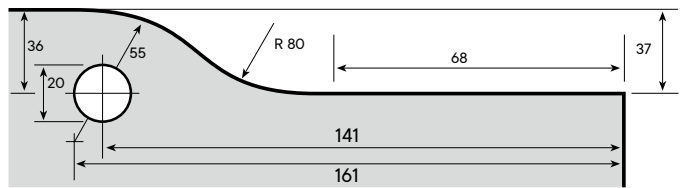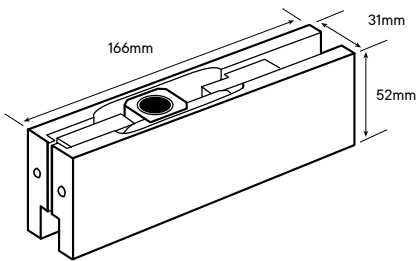
GATE PIVOTS, CLOSERS & FLOOR SPRINGS

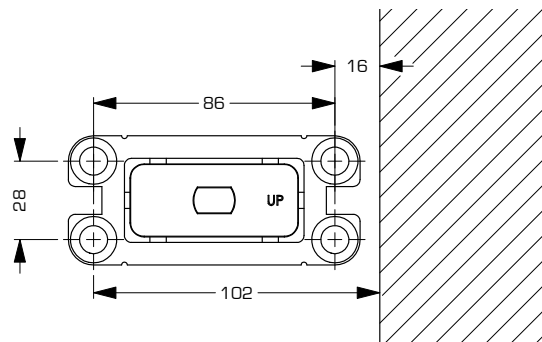| PRODUCT	DESCRIPTION	TYPE	FINISH	CODE	PRICE
HPT10 **Bottom Patch Fitting** Suits 10-12mm glass, For Opus floo spring range and HPT26 free swing pivot. Adjustable pivot insert, Factory set at 55mm			SSS	HPT10SS	
			PSS	HPT10PS	
			Black	HPT10BLK	

| **EFS840** **Hydraulic Floor Spring Patch Kit** Double action floo spring including stainless steel cover plate. 2 spring strengths; 16Nm (weak), 25Nm (standard). Maximum door width 1100mm on standard spring and 800mm on weak spring. Maximum door weight 100kg. Non hold open version to be used only for Pool Gates. Suitable for use with Opus frameless patch fittings and ails. Warranty 5years or 500,000 cycles. | | 16Nm (weak) | SSS | EFS840NHOW | |
| | | 25Nm (standard) | SSS | EFS840NHO | |

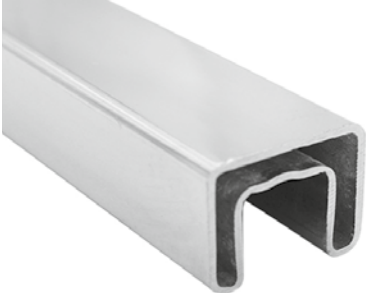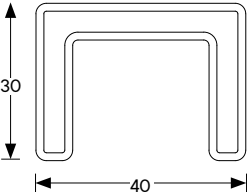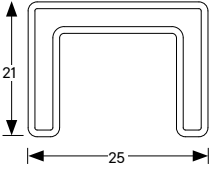| **FH100 EN3 Closer** **Hydraulic Bottom Patch** Suits 8-12mm glass, Includes base pivot plate. Non hold open version only to be used for Pool Gates. Applicable for door width of 750mm to 1000mm and weight up to 100kg. 5 year Warranty. | | | SSS | EPCNHOSS | |
| | | | PSS | EPCNHOPS | |
| | | | Black | EPCNHOBLK | |

Glass detail

Base plate hole locations

BALUSTRADE & POOL
HANDRAIL SYSTEMS & CLAMPS

S40/25 HANDRAIL FITTINGS

PRODUCT	DESCRIPTION	TYPE	CODE	PRICE
	S40 Squareline Interlinking Handrail Capping (5.8m) 5.8m stock lengths, 40mm wide x 30mm high, easy to install using simple tools, no on site welding required. Squareline is easily attached to the glass using a compression fi rubber molding. 2205 Duplex Suitable for 12-21.5mm glass Joiners, end caps and wall mount brackets are glued together using tube lock.	Satin Stainless	S40-SS	
		Polished Stainless	S40-PS	
	S25 Slimline Interlinking Handrail Capping (5.8m) 5.8m stock lengths, 25mm wide x 21mm high, easy to install using simple tools, no on site welding required. Squareline is easily attached to the glass using a compression fi rubber molding. 2205 Duplex Suitable for 10-12mm glass Joiners, end caps and wall mount brackets are glued together using tube lock.	Satin Stainless	S25-SS	
		Polished Stainless	S25-PS	
	Straight Joiner	40mm	S40J-180	
		25mm	S25J-180	
	End Cap	40mm	S40-EC	
		25mm	S25-EC	
	Wall Anchor	40mm LH	S40-WAL	
		40mm RH	S40-WAR	
		25mm LH	S25-WAL	
		25mm RH	S25-WAR	
	Cast 90deg Corner	40mm	S40-J90	
		25mm	S25-J90	
	Vertical Adjustable Joiner	40mm	S40-VAJ	
		25mm	S25-VAJ	
	Horizontal Adjustable Joiner	40mm	S40-HAJ	
		25mm	S25-HAJ	
	Link Rail Rubber Gasket	SR25 / 12-13.5mm		
		SR40 / 12-13.5mm		
		SR40 / 12-15mm		
		SR40 / 13-16mm		
		SR40 / 16-19mm		
	Link Rail Loctite 243 50mlbottle	243	TL2680	

Diagram labels: 30, 40, 21, 25
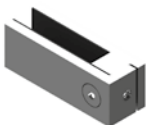
GLASS CLAMPS

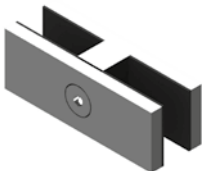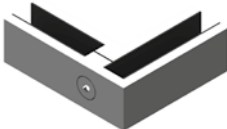| PRODUCT	DESCRIPTION	CODE	PRICE
	Round Steel Glass Clamp - Flat Back No glass preparation required 35kg per clamp loading. 316 stainless steel (8mm, 10mm, 12mm)	GCF-1	
	Round Steel Glass Clamp - Round Back No glass preparation required Radius back to suit 50mm diameter post 35kg per clamp loading. 316 stainless steel (8mm, 10mm, 12mm)	GCR-1	
	Square Steel Glass Clamp - Flat Back No glass preparation required 35kg per clamp loading. 316 stainless steel (8mm, 10mm, 12mm)	SS200	
	Square Steel Glass Clamp - Round Back No glass preparation required Radius back to suit 50mm diameter post 35kg per clamp loading. 316 stainless steel (8mm, 10mm, 12mm)	SS201	
	Satin Stainless Steel Glass Clamp Adjustable to suit glass thickness. From 6mm to 10mm No Glass preparation required. 30kg per clamp loading. 316 Stainless steel	SS101	
	Security Pin Can be fit ed into SS200 x SS201 clamps	SP202	
	Radius Back Plate To allow mounting of SS101 clamps to 50mm or 70mm diameter posts.	RS102.50 RS102.70	

BALUSTRADE STIFFENER BRACKETS

PRODUCT	DESCRIPTION	SIZE	CODE	PRICE
	H.D. Clamp 12 - 15mm Glass	90° glass to wall. 65mm x 55mm x 25mm.	SBW-15	
		90° glass to glass. 82mm x 55mm x 25mm.	SB90-15	
	Stiffener b acket - No holes required. Duplex 2205. Stainless Steel Satin finish	180° glass to glass. 103mm overall x 25mm.	SB180-15	
	H.D. Clamp 17.5 - 21.5mm Glass	90° glass to wall. 65mm x 55mm x 25mm.	SBW-21	
		90° glass to glass. 88mm x 55mm x 25mm.	SB90-21	
	Stiffener b acket - No holes required. Duplex 2205. Stainless Steel Satin finish	180° glass to glass. 103mm overall x 25mm.	SB180-21	

All brackets are supplied with a selection of gaskets to suit glass thickness and includes stainless steel clamping plates.

PANEL CLAMPS
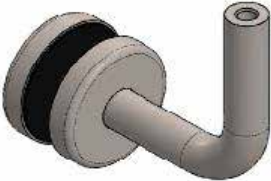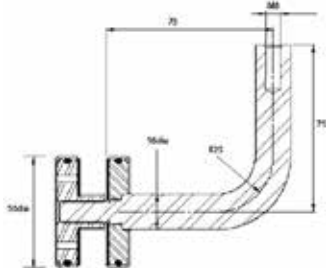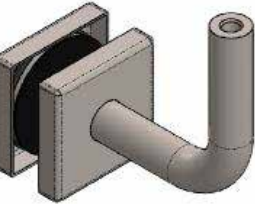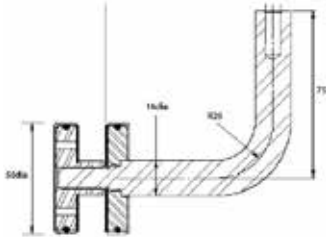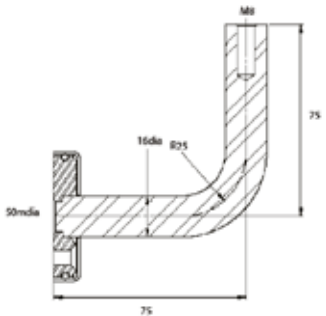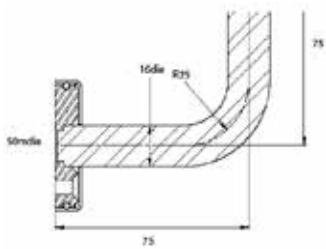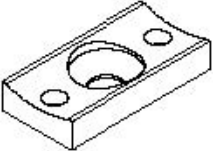
PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
	Balustrade Panel Clamp 180° Will help align & stiffe 12-13.5mm Balustrade Panels No holes required 316SSS	Polish	BC25-180-PS	
		Satin	BC25-180-SS	
		Black	BC25-180-BK	
	Balustrade Panel Clamp 90° Will help align & stiffe 12-13.5mm Balustrade Panels External screws. No holes required 316SSS	Polish	BC25-90-PS	
		Satin	BC25-90-SS	
		Black	BC25-90-BK	
	Balustrade Panel Clamp Wall Mount Will help align & stiffe 12-13.5mm Balustrade Panels External screws. No holes required 316SSS	Polish	BC25-WM-PS	
		Satin	BC25-WM-SS	
		Black	BC25-WM-BK	

HANDRAIL BRACKETS

PRODUCT	DESCRIPTION	DIMENSIONS	TYPE	CODE	PRICE
	Round Arm Section Bracket Round Section Arm. Suitable for Timber or Stainless Steel Handrails. 316 Satin Stainless Steel (SS) 10-15mm Glass (*Specify Glass thickness on order)		10-15mm Glass	HBR90G	
			Solid Wall Fixing	HBR90W	
	Square Arm Section Bracket Square Section Arm. Suitable for Timber or Stainless Steel Handrails. 316 Satin Stainless Steel (SS) 10-15mm Glass (*Specify Glass thickness on order)		10-15mm Glass	HBS90G	
			Solid Wall Fixing	HBS90W	
	Heavy Duty – Round Arm Section Bracket Round Section Arm. Suitable for Stainless Steel Handrails. Requires a welded connection to the rail. 316 Satin Stainless Steel (SS) 10-15mm Glass (*Specify Glass thickness on order)		10-15mm Glass	HBHDR90G	
	Square Cover Kit		Satin Stainless	HB50SCK	

Additional HR50/R90 and S90 MFG brackets available on request P.OA.

HANDRAIL BRACKETS

PRODUCT	DESCRIPTION	DIMENSIONS	FINISH	CODE	PRICE
	HBGM1 Round Glass Mounted Handrail Bracket 2205 Duplex stainless steel, used with balustrades that require a load supporting interlinking rail 26mmØ hole in glass		Satin Stainless	HBGM1-SS	
			Polished Stainless	HBGM1-PS	
	HBGM2 Square Glass Mounted Handrail Bracket Made from 2205 Duplex stainless steel, used with balustrades that require a load supporting interlinking rail 26mmØ hole in glass		Satin Stainless	HBGM2-SS	
			Polished Stainless	HBGM2-PS	
	HBWM1 Round Wall Mounted Handrail Bracket Made from 2205 Duplex stainless steel. Mounted to the wall using 3x countersunk screws (screws not included)		Satin Stainless	HBWM1-SS	
			Polished Stainless	HBWM1-PS	
	HBWM2 Square Wall Mounted Handrail Bracket Made from 2205 Duplex stainless steel. Mounted to the wall using 3x countersunk screws (screws not included)		Satin Stainless	HBWM2-SS	
			Polished Stainless	HBWM2-PS	
	HBFS Handrail Bracket Fixing Straddle 2205 Duplex stainless steel. For mounting handrail sections to the handrail bracket. Supplied with M8 screw for fixing o the handrail bracket.		Satin Stainless	HBFS-SS	
			Polished Stainless	HBFS-PS	

OPUS HARDWARE
SERVICE OVERVIEW

FREIGHT SERVICE & PRICING

SERVICE	COURIER BAG	SMALL BOX		LARGE BOX/LENGTH		>1.8-2.4M+ LENGTH		>2.4M+ LENGTH	
	NATIONWIDE	NORTH	SOUTH	NORTH	SOUTH	NORTH	SOUTH	NORTH	SOUTH
OVERNIGHT						N.A	N.A	N.A	N.A
2-3 Day Courier	N.A	N.A						N.A	N.A
2-5 Day Truck	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A		
CARRIERS	Couriers	Couriers	Couriers	Couriers	Couriers	Couriers	aramex aramex		DHL	BASCIK TRANSPORT
1-3 Day AKL Freight									

FREIGHT FREE ON ALL ORDERS OVER $1500+GST *(excludes large & long balustrade/extrusion orders)*
Pricing subject to change
Pricing & Lead Times indicative only, Please get in touch with customer services for an POA Freight Quote if needed.
Opus cannot guarantee the delivery turnaround service due to unpredictable possibilities and delays that can affect carriers lead times.
Oversized Deliveries & Shipments such as Balustrades POA.

OPUS HARDWARE | SERVICE OFFERING

SERVICE	NORTH	SOUTH	DELIVERY	
Standard Stock Items	1 - 3	2 - 4	Working days (Standard Delivery) from order placement.	
Oversized Items	2 - 4	4 - 6	Working days (Standard Delivery) from order. (Greater than 2.5m in length, or overweight)	
Powdercoated Items	7 - 10	10 - 15	Working days (Standard Delivery) from order placement.	
Anodised Items	20 - 25	25 - 30	Working days (Standard Delivery) from order placement.	
Site Specific PS1's	10 - 15		Working days (Standard Duration) from order placement.	
Custom or Specific Engineering	TBC		At time of order placement with Customer Service Department.	
International Orders				

Opus cannot guarantee the delivery turnaround service due to unpredictable possibilities and delays that can affect carriers lead times. Lead Times indicative only.

POWDERCOATING PRICELIST

DESCRIPTION	CODE & PRODUCT	PRICE	PRODUCT
Standoffs, Disc Sets PER DISC	PC1–DISC		
Spigots, Mini Posts PER POST	PC1–SPIGOT		
Gate Hinges, Latches PER HINGE, LATCH	PC-HINGE		
Brackets, Clamps PER BRACKET	PC-BRACKET		
Covers, Channels, Extrusions & Handrails PER M OF EXTRUSION	PC-PERM		

*Pricing subject to change
*Minimum spend $150+GST per order
*Pricing based on standard Powdercoat Range, special powders may incur surcharge
*Project rates or larger qty jobs P.O.A.

OPUS
GLASS HARDWARE

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2023 CATALOGUES

OPUS GLASS HARDWARE