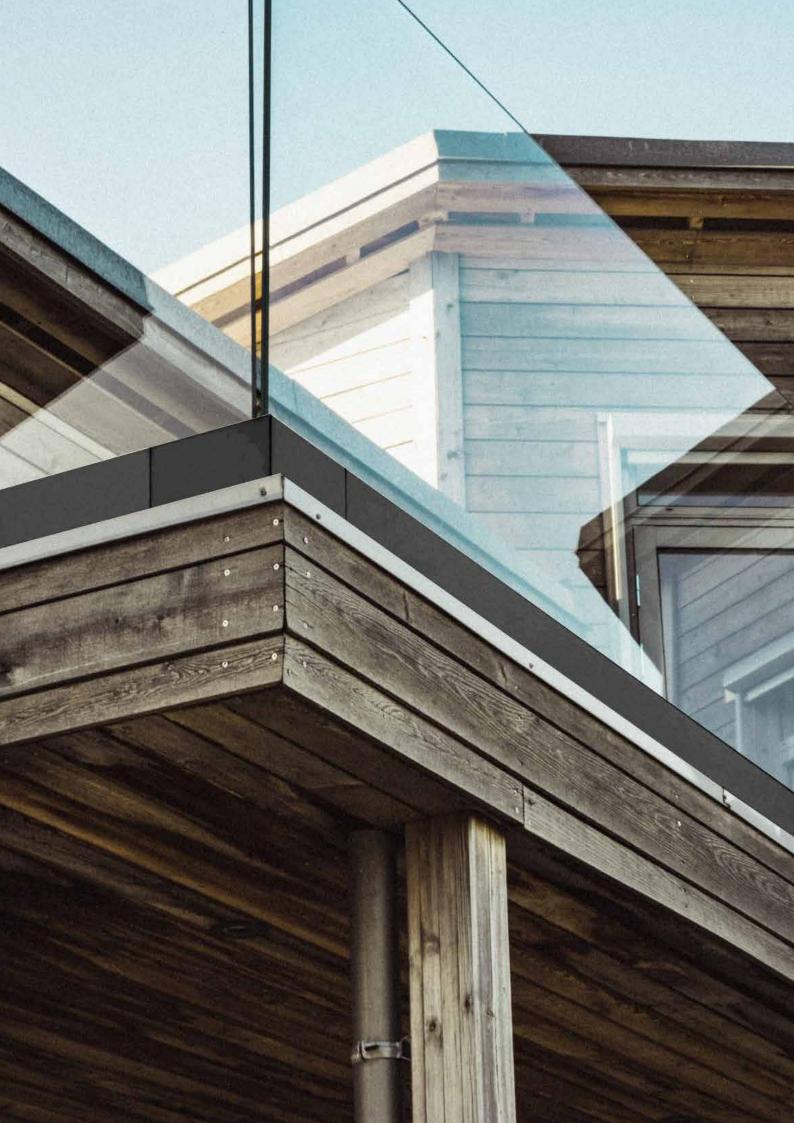




Wholesale Price List OCT 2023

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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 & C5	12mm to 25mm	Concrete, Timber, Steel
LUGANO (Side Fix)	Extra High	A & C3	12mm to 13.5mm	Concrete, Timber, Steel
ANZIO (Top Fix)	Extra High	A, B, E, C1/C2, C3 & D	12mm - 17.5mm	Concrete, Timber, Steel
CLEARVISTA (Side Fix)	Extra High	A, B, E & C3	12mm - 17.5mm	Concrete, Timber, Steel
MONACO (Side Fix)	Extra High	A, B, E, C1/C2, C3 & D	15mm to 21.5mm	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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LUGANO | Residential Side Fixed Channel

The Lugano Balustrade Channel is our aluminium system for face-fixing balustrades reflecting the latest trend for clean flush surfaces, continuous sightlines and square edges. The fixings of Lugano Balustrade are concealed beneath a slim profile aluminium cover plate which can be colour powder-coated to blend with the building structure.

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ANZIO | Top Fixed Channel

The Anzio Balustrade System is the latest innovation on frameless glass barrier design which is a floor mounted cantilevered frameless glass barrier system. No need for scaffolding, the Anzio system is easily installed from the deck without the need for ladders or scaffolding. Quick to install and easy to adjust. ned to date. Architecturally designed with square edges, the square shaped profile allows for flooring to be easily butted up against Anzio for a tidy seamless look.

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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 finished in a powder coat colour of your choice.

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MONACO | Commercial Side Fixed Clamp

Monaco Balustrade is very similar to our Lugano system; Monaco Balustrade is designed to take higher loads than LUGANO and is the best system to use for swimming pool fences with large glass spans (heights) or windbreaks that require thicker glass.

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SMART LOCK 3.0 METRE KITS

PRODUCT & DESCRIPTION	FINISH	GLASS SIZE	CODE	3.0M PRICE
		12mm	SL120B12	
SL120B Base Fix System	Satin Stainless Brushed	15mm	SL120B15	
Complete with cladding cover, gaskets and glass clamps. (3.0 metre kit)		19mm	SL120B19	
		13.5mm	SL120B13	
		17.5mm	SL120B17	
		21.5mm	SL120B21	
		12mm	SL120BM12	
	Black (Brushed ANO)	15mm	SL120BM15	
		19mm	SL120BM19	
		13.5mm	SL120BM13	
		17.5mm	SL120BM17	
		21.5mm	SL120BM21	
SL120S Side/Face Fix System		12mm	SL120S12	
Complete with seal strip, gaskets,	Satin Stainless Brushed	15mm	SL120S15	
side cladding cover and glass clamps. (3.0 metre kit)		19mm	SL120S19	
		13.5mm	SL120S13	
	2	17.5mm	SL120S17	
		21.5mm	SL120S21	
		12mm	SL120SM12	
	Black (Brushed ANO)	15mm	SL120SM15	
		19mm	SL120SM19	
		13.5mm	SL120SM13	
		17.5mm	SL120SM17	
		21.5mm	SL120SM21	

- * 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	SLBC	
	Side Channel Only (Drilled) 3.0mtr	MILL	SLSC	
-	Side Cladding Only	Satin Stainless Brushed	SLSCSS	
		Black (Brushed ANO)	SLSCBK	
	Top Seal Strip Only	Satin Stainless Brushed	SLTS-SS	
	*Doesn't include bulb seal, please refer to Bulb Seal Gasket section for respective glass thicknesses.	Black (Brushed ANO)	SLTS-BK	
	Bottom Cladding Only	Satin Stainless Brushed	SLBC-SS	
		Black (Brushed ANO)	SLBC-BK	
*Powdercoat or Anodising P.O.A (*Pricing per length				

PRODUCT	DESCRIPTION	GLASS SIZE	CODE	PRICE
		to suit 12mm glass	SLC12	
	Glass Clamp Kits Only *Each kit contains 10 clamps *The clamps can fit glass thicknesses 1mm either way of nominal glass thickness i.e. 15mm glass clamps will suit 14-16mm glass.	to suit 15mm glass	SLC15	
100		to suit 19mm glass	SLC19	
		to suit 13.5mm glass	SLC13	
		to suit 17.5mm glass	SLC17	
		to suit 21.5mm glass	SLC21	

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

SMART LOCK COMPONENTS & FIXING KITS

PRODUCT	DESCRIPTION	SIZE	CODE	PRICE
3	Quick Lock Ratchet Spanner For fittment and adjustment		SLSPN	
	Joining Pin *price per pin	N/A	SLCD	
	Bulb Seal *price per metre	Suits 12-17mm Glass	SLBS-12	
		Suits 19-21mm Glass	SLBS-19	
		Suits 25mm Glass	SLBS-25	
	Between Glass Rubber		SLCG	

PRODUCT		DESCRIPTION		CODE	PRICE
			Concrete	SLCFIX1	
9	Base/Top Fix -	Raso/Top Fiv	Steel	SLSFIX1	
		base/Top Fix	Timber (Through Bolt)	SLTBFIX1	
			Timber (Lag Screw)	SLLSFIX1	
			Concrete	SLCFIX2	
		Steel	SLSFIX2		
		Side/Face Fix	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 fixtures only.



LUGANO KITS (12-13.5MM GLASS)

PRODUCT	DESCRIPTION	LENGTH	FINISH	GLASS SIZE	CODE	PRICE
			NA 11-1	12mm	EFCC48-M	
		1 0m	MILL	13.5mm	EFCC48C-M	
		4.8m	Cilver Deerl	12mm	EFCC48-SP	
	Concrete Fix		Silver Pearl	13.5mm	EFCC48C-SP	
	Kit		MILL	12mm	EFCC24-M	
		2.4m	MILL	13.5mm	EFCC24C-M	
		2.4m	Silver Pearl	12mm	EFCC24-SP	
			Sliver Pearl	13.5mm	EFCC24C-SP	
			N 411 1	12mm	EFCS48-M	
	•	4.0	MILL	13.5mm	EFCS48C-M	
		4.8m	011 D I	12mm	EFCS48-SP	
	Ot a LEGALCA		Silver Pearl	13.5mm	EFCS48C-SP	
	Steel Fix Kit	2.4m -	MILL	12mm	EFCS24-M	
				13.5mm	EFCS24C-M	
			Silver Pearl	12mm	EFCS24-SP	
				13.5mm	EFCS24C-SP	
		4.8m	MILL	12mm	EFCT48-M	
				13.5mm	EFCT48C-M	
			Silver Pearl	12mm	EFCT48-SP	
	Timber Fix Kit			13.5mm	EFCT48C-SP	
	(Through Bolt)		MILL	12mm	EFCT24-M	
		0.4		13.5mm	EFCT24C-M	
	•	2.4m	011 D I	12mm	EFCT24-SP	
~			Silver Pearl	13.5mm	EFCT24C-SP	
				12mm	EFCL48-M	
		4.0	MILL	13.5mm	EFCL48C-M	
		4.8m	011 5 1	12mm	EFCL48-SP	
	Timber Fix Kit		Silver Pearl	13.5mm	EFCL48C-SP	
	(Lag Screw)			12mm	EFCL24-M	
		0.4	MILL	13.5mm	EFCL24C-M	
		2.4m	Oiler- D	12mm	EFCL24-SP	
			Silver Pearl	13.5mm	EFCL24C-SP	

^{*} Kits come complete with Channel, Front & Back covers, Wedge Rubber, Glazing Fillet, Setting Blocks & specified Fixing Kits.

^{*} Fixing Kits do not include EPDM washers.

^{*} Powdercoat or Anodising P.O.A.

^{*} No Glass Cutouts Required.

LUGANO COMPONENTS

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
	Channel Only 4.8m (Drilled)	MILL	EFC48	
	Front Cover Only 4.8m	MILL	EFCFC48M	
		Silver Pearl	EFCFC48SP	
	Back Cover Only 4.8m	MILL	EFCBC48M	
		Silver Pearl	EFCBC48SP	

^{*}Powdercoat or Anodising P.O.A

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
	End Cap	MILL	EFCEND-M	
		Silver Pearl	EFCEND-SP	
	Internal Corner Cover	MILL	EFCINT-M	
		Silver Pearl	EFCINT-SP	
		MILL	EFCEXT-M	
External Corner Cover	External Corner Cover	Silver Pearl	EFCEXT-SP	

^{*}Powdercoat or Anodising P.O.A

LUGANO COMPONENTS & FIXINGS

PRODUCT	DESCRIPTION	CODE	PRICE
0	Flat Washer (With EPDM Seal)	FWEPDM	
	Glass Setting Blocks (12 x 6 x 100mm)	EFCSB	
	Clear Film (5mtr Roll)	EFC-TAPE	
	Red Rigid Glazing Fillet 12mm (1mtr)	EFCGF-12	
	Black Rigid Glazing Fillet 13mm (1mtr)	EFCGF-13	
2	Rigid Glazing Fillet Tool (Right)	EFCGF-TR	
	Rigid Glazing Fillet Tool (Left)	EFCGF-TL	
	Installation Tools (Spanners, & Hex Handle)	EFC-TOOLS	

PRODUCT	DESCRIPTION	TYPE	CODE	PRICE
	Fixing Kits	Concrete	EFCCFIX	
		Steel	EFCSFIX	
		Timber (Through Bolt)	EFCTFIX	
		Timber (Lag Screw)	EFCLFIX	

^{*}EPDM Washers not included in Kits. Fixing Kits sold as Top & Bottom set.

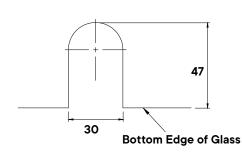


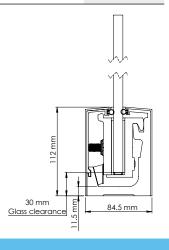
ANZIO SYSTEM KITS (12-17.5MM GLASS)

PRODUCT	DESCRIPTION	LENGTH	FINISH	CODE	PRICE
		5.0m	MILL	ETBC5A-M	
	Concrete Fix	5.0111	Silver Pearl	ETBC5A-SP	
	Kit	2.5	MILL	ETBC25A-M	
		2.5m	Silver Pearl	ETBC25A-SP	
	Timber Fix Kit	5.0m	MILL	ETBL5A-M	
		3.0111	Silver Pearl	ETBL5A-SP	
			2.5m	MILL	ETBL25A-M
		2.5111	Silver Pearl	ETBL25A-SP	
		F 0	MILL	ETBS5A-M	
	Charle Five Wit	5.Om	Silver Pearl	ETBS5A-SP	
	Steel Fix Kit	2.5	MILL	ETBS25A-M	
		2.5m	Silver Pearl	ETBS25A-SP	

^{*} Specify Glass thickness on order (12, 13.5, 15, 17.5mm).

^{*} Powdercoat or Anodising P.O.A.





 $^{^{\}star}$ Kits come complete with base, cover plate, clamping kits, gaskets, seals & specified Fixing Kits.

^{*} Extra fixing sets are required for C1, C2 & D occupancies - SD = Specific Design.

ANZIO SYSTEM COMPONENTS

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
	Base Only 5.0m	MILL	ETBBASE5M	
	(Drilled)	Silver Pearl	ETBBASE5SP	
Front Cover Only 5.0m	MILL	ETBCOVER5M		
	Front Cover Only 5.0m	Silver Pearl	ETBCOVER5SP	

^{*}Powdercoat or Anodising P.O.A

PRODUCT	DESCRIPTION		CODE	PRICE
	End Cap	MILL	ETBENDM	
	Each	Silver Pearl	ETBENDSP	
	Clamping Kit Set Gaskets sold separately, see below.		ЕТВКІТ	
			ETBG12	
	Gaskets Each - For ETBKIT		ETBG135	
280.13			ETBG15	
			ETBTAPE (5m roll)	
	Protective Sleeve Each - For ETBKIT		ETBSP	
	O Seal For Cover Plate & Base Channel		ETBGR	
	Butterfly Seal For Cover Plate & Base Channel		EDCGR	
	Concrete Fixing Set		ETBCFIX	
	Timber Fixing Set		ETBLFIX	
	Steel Fixing Set		ETBSFIX	





CLEARVISTA (OBFC) KITS (12-17.5MM GLASS)

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

^{*}Kits come complete with Channel, Front & Back covers, Clamping plate, Grub screws & Plastic packers.

^{*}No Glass Cutouts Required

PRODUCT	DESCRIPTION	LENGTH	CODE	PRICE
	Channel Only	4.8m	OBFCB48	
	(Drilled)	2.4m	OBFCB24	
	Inner Clamp Only	4.8m	OBFCFC48	
		2.4m	OBFCFC24	
	Front Cover Only	5m	OBFCFC48	
	(Mill)	2.5m	OBFCFC24	
	Back Cover Only	5.2m	OBFCBC48	
	(Mill)	2.6m	OBFCBC24	
	End Cap		OBFCEC	
PRODUCT	DESCRIPTION	TYPE	CODE	PRICE
20		Concrete	OFIX7	
	Fixing Kits	Steel	OFIX	
		Timber (Through Bolt)	OFIX6	
		Timber (Lag Screw)	OFIX8	

^{*}Suits 12-17.5mm Glass (May require Specific Design)

^{*}Powdercoat or Anodising P.O.A



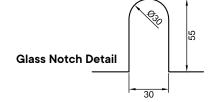
MONACO SYSTEM KITS (15-21.5MM GLASS)

PRODUCT	Т	DESCRIPTION	LENGTH	FINISH	CODE	PRICE
			4.0	MILL	EGLT48M	
		Timber Fix Kit	4.8m	Silver Pearl	EGLT48SP	
		Timber Fix Kit	2.4m	MILL	EGLT24M	
			2.4111	Silver Pearl	EGLT24SP	
		Concrete Fix Kit	4.8m	MILL	EGLC48M	
				Silver Pearl	EGLC48SP	
			2.4m	MILL	EGLC24M	
				Silver Pearl	EGLC24SP	
			4.8m	MILL	EGLS48M	
		Chaol Fiv Vit	4.0111	Silver Pearl	EGLS48SP	
		Steel Fix Kit	2.4m	MILL	EGLS24M	
		2.4m	Silver Pearl	EGLS24SP		

* Kits come complete with glass support, continuous clamp, front & back cover plates.

*Pricing per length

- * Suits 15mm to 21.5mm glass & includes specified fixings.
- * Fixing kits do not include EPDM washers.
- * Powdercoat or Anodising P.O.A.
- * Commercial applications can vary in price depending on occupancy.



PRODUCT	DESCRIPTION		FINISH	CODE	PRICE
		RIGHT HAND	MILL	EGLEC15RM	
2	End Cap	KIGHT HAND	Silver Pearl	EGLEC15RSP	
	15mm Glass	LEFT HAND	MILL	EGLEC15LM	
		LEFT HAND	Silver Pearl	EGLEC15LSP	
		RIGHT HAND	MILL	EGLEC17RM	
6	End Cap	KIGHT HAND	Silver Pearl	EGLEC17RSP	
	17mm Glass	LEFT HAND	MILL	EGLEC17LM	
	LEFT HAND		Silver Pearl	EGLEC17LSP	
	Internal Corner	Cavar	MILL	EFCINTM	
	Internal Corner Cover		Silver Pearl	EFCINTSP	
	External Corner Cover		MILL	EFCEXTM	
	External Corner	Cover	Silver Pearl	EFCEXTSP	



SYSTEM	MAX WIND LOAD (Subject to glass type & fixing 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 Pradis 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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SD50 DISC ASSEMBLIES

PRODUCT	DESCRIPTION	STANDOFF SIZE	FINISH	CODE	PRICE
			Polished Stainless	SD5030-SH-PS	
	SD50 Screw Head	30mm	Satin Stainless	SD5030-SH-SS	
	50mm diameter assembly with stand-off, and flat edge screw		Polished Stainless	SD5025-SH-PS	
	head.	25mm	Satin Stainless	SD5025-SH-SS	
	SD50 Flat Head 50mm diameter assembly	30mm	Polished Stainless	SD5030-FH-PS	
	with stand-off, and flat edge concealed stepped head.	3011111	Satin Stainless	SD5030-FH-SS	
			Polished Stainless	SD5030-BH-PS	
6	SD50 Beveled Head	30mm	Satin Stainless	SD5030-BH-SS	
	50mm diameter assembly with		Black (PVD)	SD5030-BH-BK	
	stand-off, and beveled flat edge concealed head.	25mm	Polished Stainless	SD5025-BH-PS	
			Satin Stainless	SD5025-BH-SS	
	SSD50 Square Anchor	25mm	Polished Stainless	SSD5025-FH-PS	
	50mm Square assembly with stand-off, and flat edge concealed head.		Satin Stainless	SSD5025-FH-SS	
	SD50/A Adjustable Anchor	Adjustable	Polished Stainless	ASD5030-SH-PS	
	50mm diameter assembly with an adjustable stand-off, and flat edge screw head.	(40-50mm)	Satin Stainless	ASD5030-SH-SS	
	Glass to Cleat Anchor 50mm diameter with round edge head and standoff. Glass to cleat fixing. To suit 10, 12 and 15mm toughened glass.	6mm	Satin Stainless	CA50-SS	
	Square Cover Kit	20mm	Polished Stainless	SD50SCK-PS	
	To Convert SD50 Fittings Round Fixings to Square Sets.	30mm	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 50mm Dia x 6mm	Polished Stainless	SDSH-PS	
	M10	Satin Stainless	SDSH-SS	
8	50mm Flat Stepped Head Only	Polished Stainless	SDFH-PS	
	50mm Dia x 10mm M10	Satin Stainless	SDFH-SS	
	50mm SD50 Button	Polished Stainless	SDBH-PS	
	Beveled Head 50mm diameter assembly with	Satin Stainless	SDBH-SS	
	30mm stand-off, and beveled flat edge concealed head.	Black (PVD)	SDBH-BK	
		BODY WIDTH	CODE	PRICE
		6mm	SDB6-SS	
	50mm Threaded Body Only	20mm	SDB20-SS	
		25mm	SDB25-SS	
	50mm Dia M10 - SS Finish	30mm	SDB30-SS	
		40mm	SDB40-SS	
		50mm	SDB50-SS	
		6mm	SDS6-SS	
	50mm Spacer Only 50mm Dia	20mm	SDS20-SS	
	10.5mm Through Hole SS Finish	25mm	SDS25-SS	
		30mm	SDS30-SS	
0	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
		•	50mm	M10-R50	
	Stainless Steel Rods	M10	100mm	M10-R100	
		IVIIO	115mm	M10-R115	
			140mm	M10-R140	
	SS Lag Screw	M10	100mm	LS10100	
	(External Application)	WIIO	120mm	LS10120	
	Zinc Plated		70mm	LS100702L	
	Lag Screw (Internal Application)	M10	100mm	LS101002L	
			120mm	LS101202L	
PRODUCT	DESCRIPTION	SIZE		CODE	PRICE
	Hex Nut	M10		M10-HN	
	Dome Nut	M10		M10-DN	
	Nylon Bush	19.5mm Dia		NB-20	
	to suit M10 Rod		17.511111	110 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	
		M10 x 30m	m dia washers 2.5mm	M10-30	
	Washers	50 x 50 x 3 Flat Square Washer SS		M10-SQ	
	Spring Washer	M10 Spring Washer SS		M10-5HR	



SD75 DISC ASSEMBLIES

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
	SD75 Screw Head		SD75	
	75mm diameter assembly with 30mm stand-off, and beveled edge screw head.	Satin Stainless		
	Fitting suitable for single lineFixings at 400mmm max centresGlass hole 25mm			
	Square Cover Kit To Convert SD75 to square fitting. 30mm Standoff	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		60mm	M12-R60	
		M12	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		
975	Tapered shim		1–2mm	TS75-1-2	
	Black nylon material.	Tapered shim for MB75 fixing.	1–3mm	TS75-1-3	



PRODUCT OVERVIEW | SD100 DISCS 100MM BUTTON FITTINGS SD100 DISCS



SD100 DISC ASSEMBLIES

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

^{*}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			LG-100	
•	Washers M12 x 24mm dia washers 2.5mm SS		FW1224		





PF150 PLATEFIX ASSEMBLIES

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

 $^{^*\}mbox{Fixings}$ ordered separately, see M12 Rod and Lag Screw options below $^*\mbox{Options}$ 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 fixing)	CBW-120	
00	Wood fix M12 x 130mm CSK Socket screw, 50mm diameter Washer & Hex Nut - 316SSS (Single point fix X 1 fixing)	CBW-130	
	Hilti 10mm Masonry Sleeve (Double point fix X 2 fixings)	MF110	
	Hilti 12mm Masonry Sleeve (Single point fix X 1 fixing)	MF125	
•	Metal Fix 10 x 50mm CSK Socket screw, flat washer & Hex Nut 316SSS (Double point fix X 2 fixings)	SF50-10	
	Metal Fix 12 x 50mm CSK Socket screw, flat washer & Hex Nut 316SSS (Single point fix X 1 fixing)	SF50-12	





PRODUCT DESCRIPTION CODE PRICE

Pradis Face Mounted Clamp

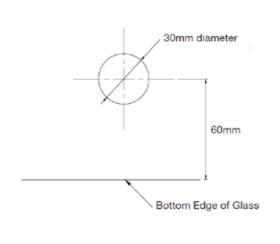
PRADIS Anodised Aluminium Clamps can be fixed to the following different substrate types; Concrete, Steel, Timber. Suitable for glass thickness from 12mm to 22.38mm (can be adapted to take other glass thicknesses - upon request)



Clama with Fiving Vit	Satin ANO	EZ1-SA
Clamp with Fixing Kit	Black	EZ1-BLK
Kit for bolt through fixings.	Satin ANO	EZ1BT-SA
M12 x 170mm threaded stud 50 x 50mm square washer, M12 nut.	Black	EZ1BT-BLK
Kit for Steel Substrates	Satin ANO	EZ1S-SA
M12 x 100mm threaded stud, M12 Nut	Black	EZ1S-BLK
Kit for lag screw fixings for exposed Timber substrates.	Satin ANO	EZ1LE-SA
M12 x 200mm lag screw	Black	EZ1LE-BLK
Kit for lag screw fixings for concealed Timber substrates.	Satin ANO	EZ1LC-SA
M12 x 16Ōmm lag screw, EPDM washer	Black	EZ1LC-BLK
Kit for Concrete substrates	Satin ANO	EZ1C-SA
M12 x 170mm threaded stud	Black	EZ1C-BLK

^{*}SPECIFY GLASS THICKNESS ON ORDER.

^{*}SPACINGS VARY DEPENDING ON FIXINGS AND SUBSTRATE.







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 fixed 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).

- *Silver Pearl Standard Colour
- *Custom Finishes Available P.O.A
- *Posts are all P.O.A Please contact the team for further information & pricing.

PRODUCT	DESCRIPTI	ON	FIXING TYPE	CODE	PRICE
	Floor Mount		Concrete	ERPTC	
	Includes 1x Post and fixing kit specified.		Timber/Steel	ERPTS	
	Face Fixed		Concrete	ERPFC	
- 1			Bolt Through	ERPFBT	
- 1	Includes 1x Post and fixing kit s	ресіпеа.	Steel	ERPFS	
- 1	Face Fixed		Concrete	ERPHBT	
_ 1	*With Concealed Fixings Includes 1x Post and fixing kit specified.		Steel	ERPHS	
SYSTEM	MAX WIND LOAD (Subject to glass type & fixing 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 fixing	Concrete, Timber, Steel



VORTEX RAILING SYSTEM











					The state of the s
PRODUCT	DESCRIPTION	FIXING	TYPE COLOI	JR CODE	PRICE
i	VX1 Floor/Top Mount P	ost Concrete	ANO Silve	er VX1C-ANO	
- 1	Includes 1x Post and fixing kit specified. Supplied in box format at 1100mm, with rubbers, infill, caps. Complete assembly ready for trim if required before simple onsite		ANO Blac	k VX1C-BLK	
		Timber/St	ANO Silve	er VX1T-ANO	
	installation.	Timber/so	ANO Blac	k VX1T-BLK	
1	VX2 Face/Side Mount		ANO Silve	er VX2C-ANO	
	Post Includes 1x Post and fixing kit specified. Supplied in box format a	Concrete at	ANO Blac	k VX2C-BLK	
	1350mm, with rubbers, infill, caps. Complete assembly ready for trim		ANO Silve	er VX2T-ANO	
1	if required before simple onsite installation.	Tillibel/50	ANO Blac	k VX2T-BLK	
SYSTEM	MAX WIND LOAD (Subject to glass type & fixing method)	OCCUPANCY TYPE/S	GLASS CAPACITIES	MAXIMUM HEIGHTS	SUITABLE SUBSTRATE
VORTEX	Extra High	A, B, E, C1, C2, C3, C5, D	6mm - 12mm	2000mm above top fixing	Concrete, Timber, Steel



SYSTEM	MAX WIND LOAD (Subject to glass type & fixing method)	OCCUPANCY TYPE/S	GLASS CAPACITIES	SUITABLE SUBSTRATE
SP15	Evtra High	A, B, E & C3	12mm - 17.5mm	Canarata Timbar Staal
3713	Extra High	Pool Fencing	17.011111	Concrete, Timber, Steel
SP10	Madium	A, B, E & C3	10mm - 13.5mm	Canavata Timbay Staal
3P10	Medium - High	Pool Fencing	10mm - 13.5mm	Concrete, Timber, Steel
SP13	Francisco	A, B, E & C3	12mm - 17.5mm	Canavata Timbay Staal
5713	Extra High	Pool Fencing	12111111 - 17.5111111	Concrete, Timber, Steel
SP14	Extra High	A, B, E & C3	12mm - 17.5mm	Canavata Timbay Staal
5P14		Pool Fencing	mmc.vi - mmsi	Concrete, Timber, Steel
D017E	Mandiana III ala	A & C3	10 4- 10	On and Timb of Charl
PS175	Medium - High	Pool Fencing	10mm to 12mm	Concrete, Timber, Steel
DD1/ 0	Marking Hinds	A & C3	10 4- 10	On and Timber Charl
PR160	Medium - High	Pool Fencing	10mm to 12mm	Concrete, Timber, Steel

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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The Centrally fixed Strut Post SP14 is a new product complimenting the base and side fixed posts to provide a seamless and stunning finished 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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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







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



RUN OUT PRODUCTS PAGES: 49 - 51



















STRUT POSTS

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
	SP10 Base Fix 2 point M10 fixing to substrate	Polish	SP10-PS	
	2205 duplex grade For Occupancy A, B, C3, E and pool fences. To be used with 10-13.52mm toughened or toughened laminated glass.	Brushed Satin	SP10-SS	
	No holes or cut outs required in glass.	Black	SP10-BK	
	SP15 Base Fix Heavy Duty Strut Post 2 point M12 fixing to substrate 2205 duplex grade	Polish	SP15-PS	
10	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.	Brushed Satin	SP15-SS	
	No holes or cut outs required in glass. Engineered system. Strength exceeds round or square designs.	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	Polish	SP13-PS	
	2 point M12 fixing to substrate 2205 duplex grade	U		
. U	For Occupancy A, B, C3, E and pool fences. Up to Very High Wind Zone.	1		
	Can be used with 12-17.52mm toughened or toughened laminated glass.	Brushed Satin	SP13-SS	
	No holes or cut outs required in glass.	A		
	Engineered system. Strength exceeds round or square designs.	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	Polish	SP14-PS	
	Single or Double point M14/M12 fixing to 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.	Brushed Satin	SP14-SS	
	No holes or cut outs required in glass.			
	Engineered system. Strength exceeds round or square designs.	Brushed Black	SP14-BK	
	(Includes center locking nut)			

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	FINIS	SH	CODE	PRICE
	PR160 Round Pool Spigot		Polish	PR160-PS	
	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		Satin	PR16O-SS	
	Includes Baseplate for adjustment		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	



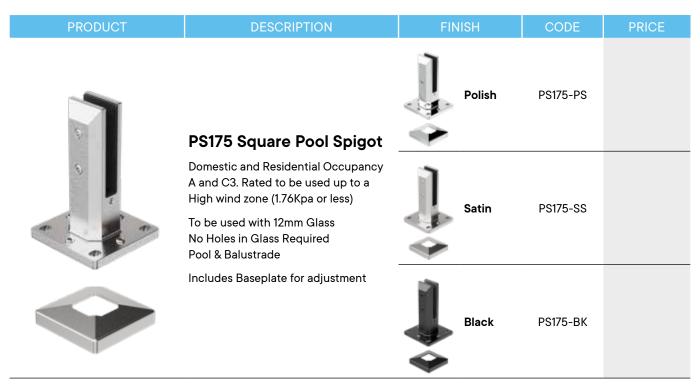


MOOD Railing LED Kit

Kit of 16x LED assemblies for MOOD Railing Lights, Includes all connectors and remote.

MOODKIT-1

MINI POST SPIGOTS



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	





MOOD Railing LED Kit

Kit of 16x LED assemblies for MOOD Railing Lights, Includes all connectors and remote.

MOODKIT-1



OVERVIEW





MOOD Railing LED Kit

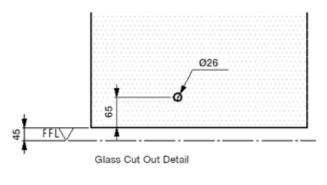
Kit of 16x LED assemblies for MOOD Railing Lights, Includes all connectors and remote.

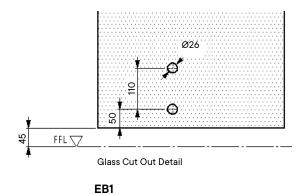
MOODKIT-1

MINI POSTS

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
187 187 0125	FMP350 Mini Post Base Fix	Polish Finish	FMP350PS	
	Domestic and Residential Occupancy A and C3. Rated to be used up to a very high wind zone (1.76Kpa or less)	Satin Finish	FMP350SS	
	To be used with 12–13.5mm toughened glass. *Holes Required for Glass mounting	Black Finish	FMP350BLK	
250	FMP250 Mini Post Core Drill Domestic and Residential Occupancy A and C3. Rated to be used up to a very high wind zone (1.76Kpa or less) To be used with 12–13.5mm toughened glass. *Holes Required for Glass mounting	Polish Finish	FMP250PS	
		Satin Finish	FMP250SS	
265	EB1 Eurobrace Minipost Spigot Manufactured in 316 grade stainless steel and Suitable for 10, 12 and 15mm glass Posts are set into concrete (Ø50mm hole) and affixed using Sika or Rockite grout.	Polished Stainless	EB1-SS	
		Satin Stainless	EB1-PS	
260	EB2 Eurobrace Minipost Spigot Manufactured in 316 grade stainless steel and Suitable for 10, 12 and 15mm glass	Polished Stainless	EB2-SS	
	Posts are set into concrete (Ø50mm hole) and affixed using Sika or Rockite grout.	Satin Stainless	EB2-PS	
	GLASS CUT-OUTS SHOWN ON NE	XT PAGE		

GLASS CUT-OUTS





FMP350/FMP250

NAUTECH STRUT POSTS

PRODUCT	DESCRIPTION	CODE	PRICE
Base Fix Strut Post Four point fixing to structure 316 SSS To be used with 12mm glass. No holes or cut outs required in glass		NBF-168	
	Face Fix Strut Post Four point fixing to structure 316 SSS To be used with 12mm glass. No holes or cut outs required in glass	NSF-315	
Masonry Fix M10 x 100 Threaded rod HD Flat Washer an		DF-100	
Masonry Anchor Fix Sika-1 - Fits standard cartridge g	un	Sika-1	
Metal Fix. M10 x 25mm. Countersunk machine screw. 316SSS		SF-25	
Counter Sunk M10 x 100mm Wood fix coach screw. 316SS		CSW-100	
Wood Fix M10 x 120mm. Countersunk bolt with HD Flat Washer and hex nut 316SS		CBW-120	
Wood Fix M10 x 130 Rod with dome nut face fix and hex nut back fix 316SS		DBW-130	

CONSUMABLES, ADHESIVES AND GROUT

PRODUCT	DESCRIPTION		CODE	PRICE
	HILTI HIT-HY 200 Max Chemical Anchor 330ml Adhesive Cartridge (HY150)		300003	
	SIKA Supergrip Timber 2 Hour Bond 310ml Adhesive Cartridge		300006	
/ // 🐧	EPDM / Foam Tape	170 x 1.5mm	302100	
	Black, EPDM Barrier (Per Metre)	70 x 1.5mm	302101	
	Floor Spring Sealing Compound 145/435ml, Protect Floor Spring, Suits component: MFX840 and BTS84		300552	
	SIKA Grout 25kg Bag, Application on Level Floor Spring		300005	
2650	Link Rail Loctite 243 (300961) Suits S40 Rail, 50mm Bottle Tube Lock Adhesiv	ve	TL2650	
4 1	SIKA-1 Masonry Anchor Fix (300	Oml)		

MFG POOL GATE LATCHES



POLARIS SOFT CLOSE HINGES

PRODUCT DESCRIPTION







POLARIS Soft Close Hinges 155 Series

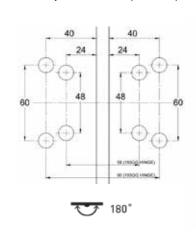
The Polaris 155 Series RETROFIT HINGES were purposely designed to RETROFIT onto existing Spring Hinge gates. No need for costly new glass, quick and simple to install and available to suit almost every gate option. Featuring our "Quik-Adjust" Ratchet cap for simple speed adjustment and interchangeable dampers for complete customization closing force. Tested and NZ/AUS Pool compliance certified to 25,000 cycles.

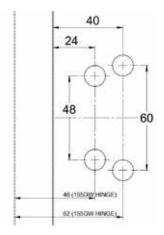
Retrofits directly into 8–12mm spring hinge glass gates (hole/cut out dependant)

Both self closing and soft closing from any position

Quick and easy to install / D.I.Y

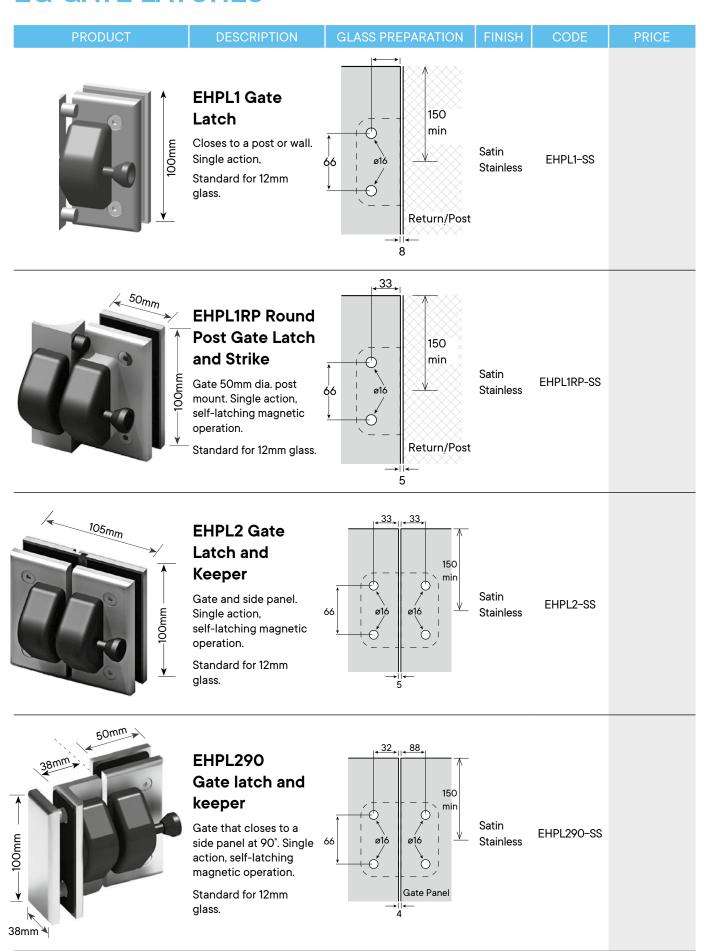
Quik-adjust ratchet cap for simple speed adjustment





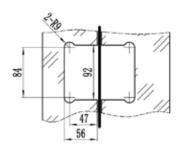
PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
	POLARIS Soft Close Glass to Glass Hinge	Satin Stainless	SC180-S	
	Retrofittable (various fixing options) Glass to Glass Soft Close gate hinge. 8–12mm Glass. 45kg Max	Polished Stainless	SC180-C	
	*SOLD AS A PAIR (2x Hinges)	Black	SC180-BK	
	POLARIS Soft Close Wall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

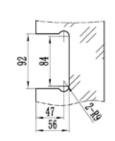
EG GATE LATCHES

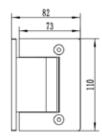


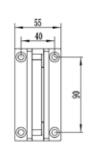
VIENNA HYDRAULIC GATE HINGES

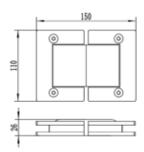
PRODUCT	DESCRIPTION	TYPE	FINISH	CODE	PRICE (PR)
	EH4T Glass to Wall Hydraulic Hinge	NON-HOLD	Satin Stainless	EH4NHOSS	
	Hinge opening angle 100°. Self-closing from any angle. Available in non-hold open and hold open options. Centre T Style backplate.	OPEN	Polished Stainless	EH4NHOPS	
	Max recommended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





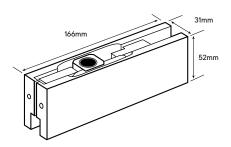


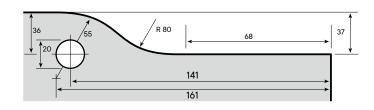




GATE PIVOT ARMS & PATCHES

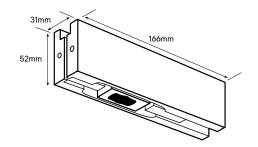
PRODUCT	DESCRIPTION	TYPE	FINISH	CODE	PRICE
	PGA Patch to Patch Gate Pivot Arm		SSS	PGA-SS	
	Used with 2 MP20 Top Patch Fittings, Glass to Glass.		PSS	PGA-PS	
· (1)	PWA Wall to Patch Gate P	ivot Arm	SSS	PWA-SS	
	Suits Glass to MP20 Top Patch fitting 10–12mm glass,		PSS	PWA-PS	
0 0 0	PGH2 Glass to Patch Gate Pivot Arm	38	SSS	PGH2-SS	
0	Suits Glass to MP20 Top Patch fitting 10–12mm glass,	₆₂₀	PSS	PGH2-PS	
	PGH6 Glass to Patch 90 Gate Pivot Arm Suits Glass to MP20 Top Patch fitting 10-12mm glass,	36	SSS	PGH6-SS	
	HPT20/MP20		SSS	HPT20SS	
	Top Patch Fitting		PSS	HPT20PS	
	Suits 10–12mm glass, For Opus pivot ra fittings. Adjustable pivot insert, Factor		Black	HPT20BLK	

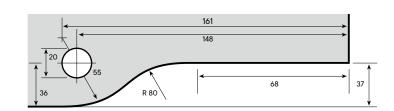




GATE PIVOTS, CLOSERS & FLOOR SPRINGS

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





EFS840 Hydraulic Floor Spring Patch Kit

Double action floorspring 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 rails.

25Nm (standard)

16Nm

(weak)

SSS

SSS

EFS840NHO

EFS840NHOW



FH100 EN3 Closer Hydraulic Bottom Patch

Warranty 5years or 500,000 cycles.

Suits 8–12mm glass, Includes base pivot plate. Non hold open version only to be used for Pool Gates.

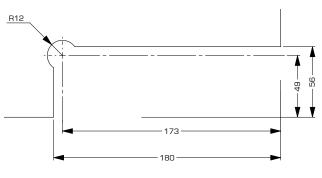
Applicable for door width of 750mm to 1000mm and weight up to 100kg.

5 year Warranty.

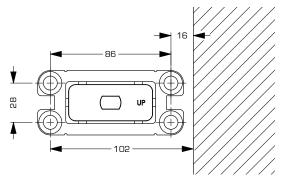
SSS EPCNHOSS

PSS EPCNHOPS

Black EPCNHOBLK



Glass detail Base plate hole locations



OZONE & LAGUNA GATE LATCHES & HINGES

PRODUCT	DESCRIPTION	GLASS PREPARATION	FINISH	CODE	PRICE
	OZONE PGH-7 Gate Latch and Keeper Gate and side panel. Single action, self-latching magnetic operation. Standard for 12mm glass.	42 42 279 min	Satin Stainless	PGH7-SS	
	OZONE PGH-11 Post Gate Latch and Strike Gate to post mount. Single action, self-latching magnetic operation. Standard for 12mm glass.	42 279 min 47 ø14 47 ø14 Return/Post	Satin Stainless	PGH11-SS	
	OZONE PGH-8 Gate latch and keeper Gate that closes to a side panel at 90°. Single action, self-latching magnetic operation. Standard for 12mm glass.	42 1 30 279 min 279 mi	Satin Stainless	PGH8-SS	
	LAGUNA LH180 Pool Gate Hinge Glass to Glass Hydraulic hinges with	8 22 N2 49 89 22 N2	Satin Stainless Polished	LH180-SS	
	adjustable closing speed. (Single)	R4+2 R4+2 60	Stainless	LH180-PS	
	LAGUNA LH90T Pool Gate Hinge Glass to Wall	10 - 49 - 49 - 49 22 X 2	Satin Stainless	LH90T-SS	
	Hydraulic hinges with adjustable closing speed. Center Backplate (Single)		Polished Stainless	LH90T-PS	
	LAGUNA LH90L Pool Gate Hinge Glass to Glass	R4x2 60	Satin Stainless	LH90L-SS	
	Hydraulic hinges with adjustable closing speed. Offset Backplate (Single)		Polished Stainless	LH90L-PS	

MALIBU GATE LATCHES & HINGES

PRODUCT	DESCRIPTION	GLASS PREPARATION	FINISH	CODE	PRICE
	MALIBU MGL Gate Latch and Keeper Gate and side panel.		Satin Stainless	MGL180-SS	•
	Single action, self-latching magnetic operation. Standard for 12mm glass.	66 Ø12 Ø12	Polished Stainless	MGL180-PS	•
	MALIBU MGL-P Post Gate Latch and Strike	63,	Satin Stainless	MGLP90-SS	•
	Gate to post mount. Single action, self-latching magnetic operation. Standard for 12mm glass.	Return/Post	Polished Stainless	MGLP90-PS	•
	MALIBU HH-180 Pool Gate Hinge Glass to Glass	0,000	Satin Stainless		•
9	Pool gate hydraulic hinges with adjustable closing speed and adjustable closed position. NHO	49 7	Polished Stainless		•
	MALIBU HH-90 Pool Gate Hinge Wall to Glass	200	Satin Stainless		•
	Pool gate hydraulic hinge Non Hold Open Centered back plate. 60mm.		Polished Stainless		•
	MALIBU HH-90L Pool Gate Hinge Wall to Glass	19	Satin Stainless		•
	Pool gate hydraulic hinge Non Hold Open Offset back plate. 60mm.		Polished Stainless		•



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	Satin Stainless	S40-SS	
	attached to the glass using a compression fit rubber molding. 2205 Duplex Suitable for 12–21.5mm glass Joiners, end caps and wall mount brackets are glued together using tube lock.	Polished Stainless	S40-PS	
30 <u>—</u> 40 — —	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	Satin Stainless	S25-SS	
21 25 25	attached to the glass using a compression fit rubber molding. 2205 Duplex Suitable for 10–12mm glass Joiners, end caps and wall mount brackets are glued together using tube lock.	Polished Stainless	S25-PS	
	Straight Joiner	40mm	S40J-180	
		25mm	S25J-180	
	End Cap	40mm	S40-EC	
		25mm	S25-EC	
		40mm LH RH	S40-WAL S40-WAR	
	Wall Anchor	IH	S25-WAL	
		25mm RH	S25-WAR	
	Cast 90deg Corner	40mm	S40-J90	
	Cast 70deg Comer	25mm	S25-J90	
	Vertical Adjustable Joiner	40mm	S40-VAJ	
	Vertical Aujustable Joiner	25mm	S25-VAJ	
	Horizontal Adjustable Joiner	40mm	S40-HAJ	
*	Horizontal Adjustable Joiner	25mm	S25-HAJ	
		SR2	5 / 12-13.5mm	
		SR4	0 / 12-13.5mm	
	Link Rail Rubber Gasket	SR4	0 / 12-15mm	
		SR40	O / 13-16mm	
		SR40	O / 16-19mm	
2680	Link Rail Loctite 243 50mlbottle	243	TL2680	

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 fitted into SS200 x SS201 clamps	SP202	
	Radius Back Plate	RS102.50	
	To allow mounting of SS101 clamps to 50mm or 70mm diameter posts.	RS102.70	

BALUSTRADE STIFFENER BRACKETS

PRODUCT	DESCRIPTION	SIZE	CODE	PRICE
000	H.D. Clamp 12 - 15mm	90° glass to wall. 65mm x 55mm x 25mm.	SBW-15	
3 3	required. 8 — Duplex 2205. Stainless Steel — Satin finish.	90° glass to glass. 82mm x 55mm x 25mm.	SB90-15	
		180° glass to glass. 103mm overall x 25mm.	SB180-15	
	H.D. Clamp 17.5 - 21.5mm	90° glass to wall. 65mm x 55mm x 25mm.	SBW-21	
9.9	required. 8 — Duplex 2205. Stainless Steel — Satin finish. 1	90° glass to glass. 88mm x 55mm x 25mm.	SB90-21	
000		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°	Polish	BC25-180-PS	
0	Will help align & stiffen 12–13.5mm Balustrade Panels	Satin	BC25-180-SS	
	No holes required 316SSS	Black	BC25-180-BK	
	Balustrade Panel Clamp 90° Will help align & stiffen 12–13.5mm Balustrade Panels External screws. No holes required 316SSS	Polish	BC25-90-PS	
0		Satin	BC25-90-SS	
		Black	BC25-90-BK	
	Balustrade Panel Clamp Wall Mount	Polish	BC25-WM-PS	
G 0	Will help align & stiffen 12–13.5mm Balustrade Panels	Satin	BC25-WM-SS	
	External screws. No holes required 316SSS	Black	BC25-WM-BK	

HRC1 HANDRAIL FITTINGS

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
42 dia	HRC1 Roundline Interlinking Handrail (2205 Duplex) Capping 5.8m stock lengths and Easy to install using simple tools, no on site welding required and easily attached to the glass using a	Satin Stainless	HRC1-SS	
	compression fit rubber molding. Suitable for 12mm, 15mm and 19mm toughened safety glass and 13.5mm and 17.5mm toughened laminated safety glass Joiners, end caps and wall mount brackets are glued together using tube lock.	Polished Stainless	HRC1-PS	
	Straight Joiner		HRC1SJ	
	End Cap		HRC1EC	
	Wall Anchor		HRC1WA	
	Cast 90deg Corner		HRC1C90	
T	Vertical Adjustable Joiner		HRC1VAJ	
	Horizontal Adjustable Joiner		HRC1HAJ	

HRC3 HANDRAIL

PRODUCT	DESCRIPTION	FINISH	CODE	PRICE
35	HRC3 Archline Aluminium Interlinking Handrail Capping 5m stock lengths and Easy to install using	Powdercoat Silver Pearl	HRC3-SP	
	simple tools, no on site welding required Suitable for 12mm and 15mm toughened safety glass and 13.5mm and 17.5mm toughened laminated safety glass.	Mill Finish	HRC3-M	
	Corner 90° Joiner		HRC3J90	
	End Cap		HRC3EC	
	Wall Mount Bracket		HRC3WM	
	Straight Joiner		HRC3SJ	
PR	RODUCT	SIZE	CODE	PRICE
Glazing Tape		3mm (12mm Glass)	HRC3T12	
6m Roll		1.6mm (15mm Glass)	HRC3T15	
Foam Backing Rod		6mm	HRC38R	

HANDRAIL BRACKETS

PRODUCT	DESCRIPTION	DIMENSIONS	TYPE	CODE	PRICE	
	Round Arm Section E Round Section Arm. Suitable for Timber or Stainle	10-15mm Glass	HBR90G			
	316 Satin Stainless Steel (SS) 10–15mm Glass (*Specify Glass thickness on	Solid Wall Fixing	HBR90W			
L	Square Arm Section Square Section Arm. Suitable for Timber or Stainle	10-15mm Glass	HBS90G			
	316 Satin Stainless Steel (SS) 10–15mm Glass (*Specify Glass thickness on	order)	Solid Wall Fixing	HBS90W		
	Heavy Duty – Round Arm Section Bracket					
	Round Section Arm. Suitable for Stainless Steel H. Requires a welded connection 316 Satin Stainless Steel (SS) 10–15mm Glass (*Specify Glass thickness on the stainless of the stainless on the stainless on the stainless of the s	andrails. on to the rail.	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	70	Satin Stainless	HBGM1-SS	TMOL
			Polished Stainless	HBGM1-PS	
	HBGM2 Square Glass Mounted Handrail Bracket Made from 2205 Duplex	75 Mark 201	Satin Stainless	HBGM2-SS	
	stainless steel, used with balustrades that require a load supporting interlinking rail 26mmØ hole in glass		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)	75 Mg 75 75	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)	16die 535 50rodie	Satin Stainless	HBWM2-SS	
			Polished Stainless	HBWM2-PS	
		cket Fixing Straddle	Satin Stainless	HBFS-SS	
	2205 Duplex stainless stee sections to the handrail bro- for fixing to the handrail br	acket. Supplied with M8 screw	Polished Stainless	HBFS-PS	



FREIGHT SERVICE & PRICING

	COURIER BAG		SMALL BOX		LARGE BOX/LENGTH		>1.8-2.4M+ LENGTH		>2.4M+ LENGTH	
SERVICE	NATIO	NWIDE	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	- Contract	asser.	alestern.	ale Maria	alesson i	a with the	aramex	aramex	D///	BASCIK

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		20	At time of order placement with
International Orders	TBC		Customer Service Department.







^{*}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		1		
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.

NOTES

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