Herewin

METRO
PERFORMANCE GLASS

Frameless Internal Partitions and Walls

Metro's Frameless glass screens and doors are available in extremely large sizes to complement any bespoke system design. "With the use of acoustic reduction glass you can create glass partitions that are highly insulating against noise travel between spaces."

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Frameless Internal Partitions and Walls

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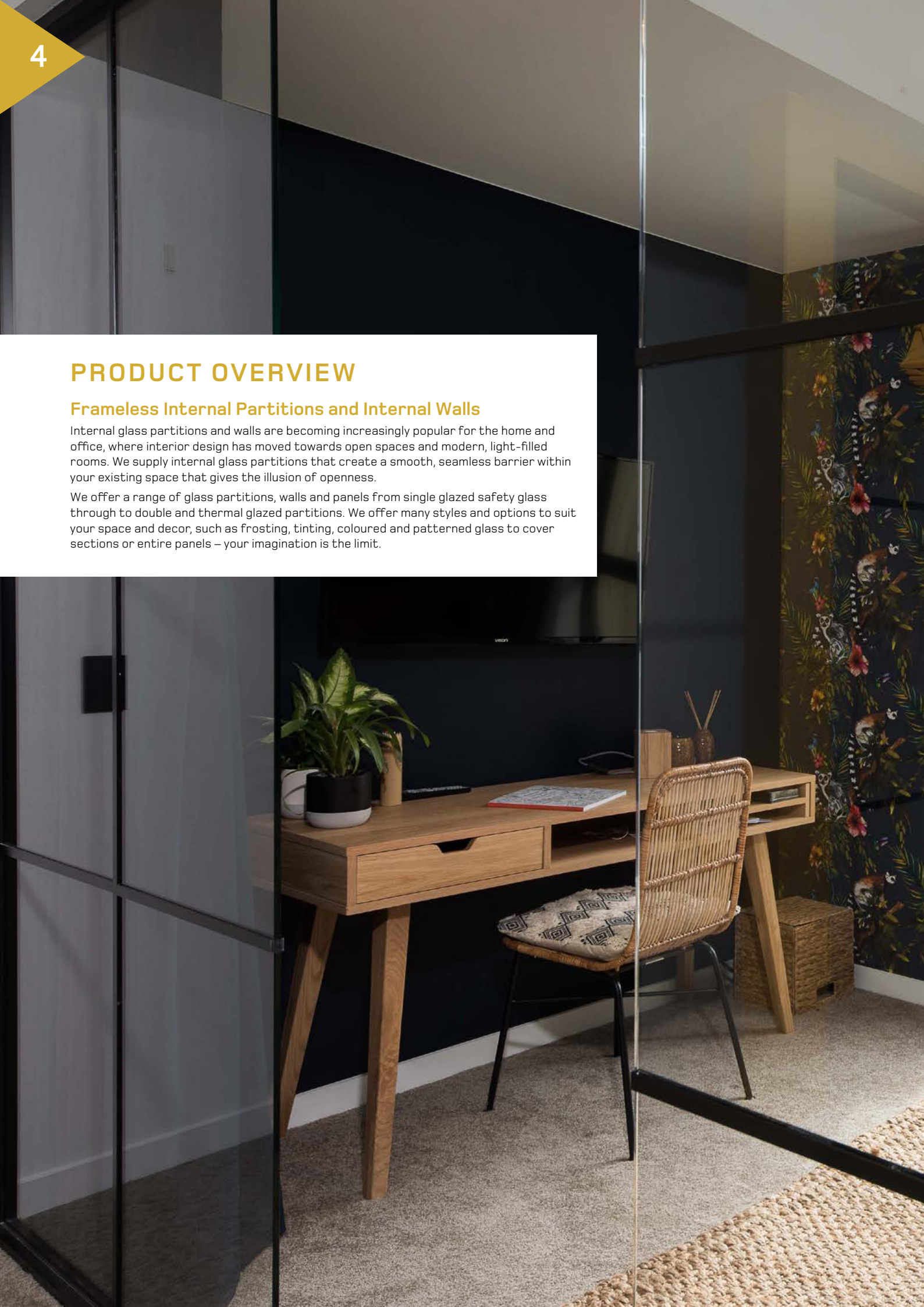
PRODUCT OVERVIEW

Frameless Internal Partitions and Internal Walls

Internal glass partitions and walls are becoming increasingly popular for the home and office, where interior design has moved towards open spaces and modern, light-filled rooms. We supply internal glass partitions that create a smooth, seamless barrier within your existing space that gives the illusion of openness.

We offer a range of glass partitions, walls and panels from single glazed safety glass through to double and thermal glazed partitions. We offer many styles and options to suit your space and decor, such as frosting, tinting, coloured and patterned glass to cover sections or entire panels – your imagination is the limit.

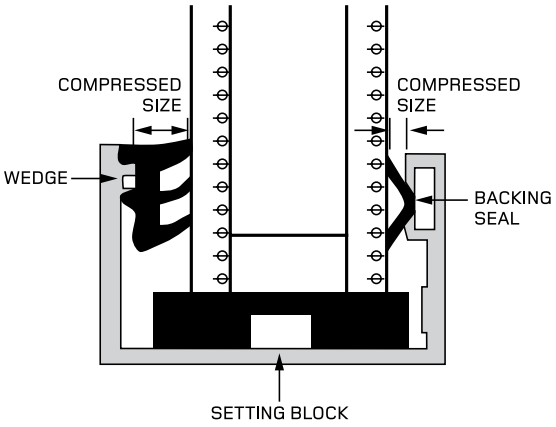


Key Features

- Partitions can be custom fitted to spaces of all shapes and sizes.
- All glass joints can be connected with clear joints for a seamless transparent glass installation.
- Get the illusion of a larger space.
- Reduce power bills for lighting with more natural light.
- Instantly modernise your space with an architectural look.
- Help reduce noise levels.

Types

- CS40 40 x 20mm – Channel Aluminium Extrusion.
- CS25 25 x 20mm – Channel Aluminium Extrusion.
- CS18 19 x 18mm – Channel Aluminium Extrusion.
- CSR18 25 x 18mm – Channel Aluminium Extrusion.
- CS15 18 x 15mm – Channel Aluminium Extrusion.
- AS18 19 x 15mm – Angled Extrusion.
- CS234 40 x 30mm – Two Piece Channel Section.
- CS134 40 x 30mm – Channel Aluminium Extrusion.
- CS244 40 x 40mm – Two Piece Channel Section.
- CS144 40 x 40mm – Channel Aluminium Extrusion.
- CS255 50 x 50mm – Two Piece Channel Section.
- CS155 50 x 50mm – Channel Aluminium Extrusion.
- Channel Designs –Various to suit glass thickness and weights.
- End Caps – Various to suit channel designs.
- Universal Joiners available.
- Glazing Wedges, Backing Seals and Setting Blocks (Santoprene).



Setting Blocks

- Material is a specific mixture of Santoprene™ with added polypropylene to increase hardness.
- Hardness – Shore A 80 approximate.
- Channels are available in bright (internal) and natural silver anodisied 20 micron, standard finishes.
- Special colours Powder coated on request

Product	Model	Sizes mm	Finish	Grade	Type	Application	Area
GLAZING BACKING SEAL & WEDGES	301892	10.9 x 4.9mm Compressed size 4mm (per metre)	BLACK	SANTOPRENE	DYNEX 9287	BACKING SEAL	Internal & External
	302022	11.5 x 4mm Compressed size 2.5mm (per metre)	BLACK				

Santoprene™ Slim-line Series Equivalent

WEDGES	MODEL	COLOUR STRIPE	COIL LENGTH	PVC EQUIVALENT	COMPRESSED SIZE
	90425BLK400	BLUE	400m	40425BLK400	2.5mm
	90430BLK250	PURPLE	250m	40430BLK250	3.0mm
	90435BLK250	RED	250m	40435BLK250	3.5mm
	90440BLK250	ORANGE	250m	40445BLK250	4.0mm
	90445BLK250	YELLOW	250m	40445BLK250	4.5mm
	90450BLK250	WHITE	250m	40450BLK200	5.0mm
	90455BLK250	GREEN	150m	40455BLK150	5.5mm
	90460BLK250	BROWN	150m	40460BLK150	6.0mm
	90470BLK250	BLACK	150m	40470BLK150	7.0mm

Santoprene™

- High-performance material.
- Superior high and low temperature resistance, compression set resistance.
- Superior weathering and UV resistance.
- Suitable for three storeys and over.
- Compatible with polycarbonate.
- Able to be coextruded with polypropylene.

The system is glazed with Metro Performance Glass, as follows

- 10 – 34mm Toughened Safety Glass – Depending on Channel, Glazing Wedges, Backing Seals and Setting Blocks Selected.
- Toughened Heat Soak Glass.
- Toughened Screen Print Glass.
- Toughened Digital Print Glass.

Scope of Use

- Partitions which can include printed or decorative inserts, fixed partition walls of U Channel and switchable glass to flick between clear and opaque.

Support Inquiries

- Metro Technical phone (09) 927 3000 or email technical@metroglass.co.nz

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FRAMELESS INTERNAL PARTITIONS AND WALLS

Stainless Steel Fin Brackets

Fins generally made of glass (for maximum transparency) supporting glass walls offer the most transparency in single or double glazed wall situation. The support structure holding up the large panels of glass is very minimal. Metro Performance Glass have two standard fin brackets available with custom made brackets available upon request.

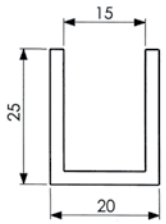
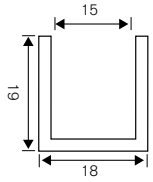
Product	Model	Sizes mm	Finish	Material	Type	Application	Area
FIN BRACKET SET *Option to support a 250mm or 300mm Glass Fin) *Substrate Fixings not included	300105	250x65x65x6	SS	316 STAINLESS STEEL	FIN BRACKET	FIN BRACKET COMPONENT *Custom made length fin brackets are available upon request.	Internal & External
	300106	300x65x65x6	SS				

FRAMELESS INTERNAL PARTITIONS AND WALLS

10 YEAR HARDWARE WARRANTY

Channel Sections:

(Internal Partitions, Structural Walls, Showers, Sliding Hinged Pivot Doors)

Product	Model	Sizes mm	Finish	Material	Type	Application	Area
CHANNEL CS25 	300317	2500mm	ANOD BRIGHT	ALUM 6063	CHANNEL	CHANNEL SECTION	Internal & External
	300320	5000mm	ANOD NATURAL				
	300319	5000mm	MILL FINISH				
	300318	5000mm	BLACK				
	300321	5000mm	ARCTIC WHITE				
	301869	Per Metre	ANOD NATURAL				
		SUGGESTED GLASS THICKNESS: Up to 10mm	ON REQUEST: POWDERCOAT				
END CAP CC25	300481	25 x 20mm	ANOD NATURAL	ALUM 6063	END CAP	END CAP COMPONENT SUITS: CS25 CHANNEL	Internal & External
	300482	25 x 20mm	SS				
CHANNEL CS40	300326	2500mm	ANOD BRIGHT	ALUM 6063	CHANNEL	CHANNEL SECTION	Internal & External
	300329	5000mm	ANOD NATURAL				
	300328	5000mm	MILL FINISH				
	300327	5000mm	BLACK				
	300330	5000mm	ARCTIC WHITE				
		SUGGESTED GLASS THICKNESS: Up to 10mm	ON REQUEST: POWDERCOAT				
END CAP CC40	300483	40 x 20mm	ANOD NATURAL	ALUM 6063	END CAP	END CAP COMPONENT SUITS: CS40 CHANNEL	Internal & External
	300484	40 x 20mm	SS				
CHANNEL CS18 	300301	2100mm	ANOD BRIGHT	ALUM 6063	CHANNEL	CHANNEL SECTION	Internal & External
	300303	2100mm	ANOD NATURAL				
	300302	2100mm	MILL FINISH				
	300304	2100mm	BLACK				
	301851	2100mm	ARCTIC WHITE				
	300305	3000mm	ANOD BRIGHT				
	300307	3000mm	ANOD NATURAL				
	300306	3000mm	MILL FINISH				
	300308	3000mm	BLACK				
	301672	3000mm	ARCTIC WHITE				
		SUGGESTED GLASS THICKNESS: Up to 10mm	ON REQUEST: POWDERCOAT				

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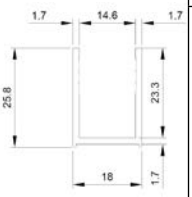
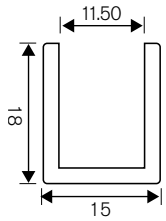
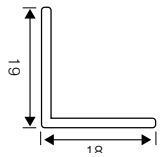
FRAMELESS INTERNAL PARTITIONS AND WALLS

10 YEAR HARDWARE WARRANTY

Channel Sections:

(Internal Partitions, Structural Walls, Showers, Sliding Hinged Pivot Doors)

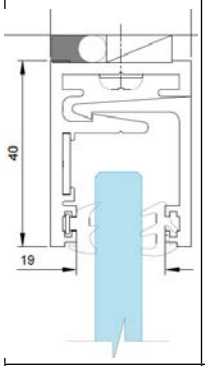
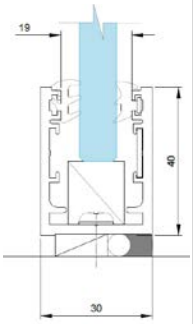
Product	Model	Sizes mm	Finish	Material	Type	Application	Area
CHANNEL CSR18 	301674	3000mm	PC	ALUM 6063	CHANNEL	CHANNEL SECTION	Internal & External
	301673	3000mm	ANOD NATURAL				
		SUGGESTED GLASS THICKNESS: Up to 10mm OVERALL SIZE: 18 X 25MM	ON REQUEST: POWDERCOAT				
END CAP CC18	300478	18x18x1mm	ANOD BRIGHT	ALUM 6063	END CAP	END CAP COMPONENT SUITS: CS18, CSR18 CHANNEL	Internal & External
	300480	18x18x1mm	ANOD NATURAL				
	300479	18x18x1mm	MILL FINISH				
END CAP CC18 SUITS 45 DEGREE MITRE CUT	300485	18x18x1mm	ANOD BRIGHT	ALUM 6063	END CAP	END CAP COMPONENT SUITS: CS18, CSR18, CS25, CS40 CHANNEL	Internal & External
	300486	18x18x1mm	ANOD NATURAL				
	301714	18x18x1mm	MILL FINISH				
CHANNEL CS15 	300287	2100mm	ANOD BRIGHT	ALUM 6063	CHANNEL	CHANNEL SECTION	Internal & External
	300289	2100mm	ANOD NATURAL				
	300288	2100mm	MILL FINISH				
	300290	2100mm	BLACK				
	301849	2100mm	ARCTIC WHITE				
	300291	3000mm	ANOD BRIGHT				
	300293	3000mm	ANOD NATURAL				
	300292	3000mm	MILL FINISH				
	300294	3000mm	BLACK				
	301668	3000mm	ARCTIC WHITE				
	301850	3000mm	BLACK				
		SUGGESTED GLASS THICKNESS: Up to 6mm	ON REQUEST: POWDERCOAT				
END CAP CC15	300474	15x18x1mm	ANOD BRIGHT	ALUM 6063	END CAP	END CAP COMPONENT SUITS: CS15 CHANNEL	Internal & External
	300475	15x18x1mm	ANOD NATURAL				
ANGLE AS18 	300277	2500mm	ANOD BRIGHT	ALUM 6063	ANGLE	ANGLE SECTION	Internal & External
	300278	2500mm	ANOD NATURAL				
	300276	2500mm	MILL FINISH				
			ON REQUEST: POWDERCOAT				

FRAMELESS INTERNAL PARTITIONS AND WALLS

10 YEAR HARDWARE WARRANTY

Channel Section: 40x30mm

(Internal Partitions, Structural Walls, Showers, Sliding Hinged Pivot Doors)

Product	Model	Sizes mm	Finish	Material	Type	Application	Area
TWO PIECE CHANNEL CS234 KIT (HEAD SECTION) 	500241	40 x 30mm	ANOD NATURAL	ALUM 6063	CHANNEL	CHANNEL SECTION COMPONENTS **5000mm** Channel 500608 (MILL FINISH) 500609 (ANOD NATURAL) Bead 300309 (MILL FINISH) 300310 (ANOD NATURAL)	Internal & External
	500242	40 x 30mm	MILL FINISH				
		GLASS THICKNESS: 8 – 12mm 19mm glazing pocket	ON REQUEST: POWDERCOAT				
CHANNEL CS134 (BASE SECTION) 	300312	40 x 30mm	ANOD NATURAL	ALUM 6063	CHANNEL	CHANNEL SECTION	Internal & External
	300311	40 x 30mm	MILL FINISH				
		GLASS THICKNESS: 8 – 12mm 19mm glazing pocket	ON REQUEST: POWDERCOAT				
90 DEGREE JOINER	300835	40x40x1.0mm	SS	STAINLESS STEEL	JOINER	CHANNEL JOINER COMPONENT	SUITS CHANNEL: CS234 CS244 CS255
180 DEGREE INLINE JOINER	300837	50x13mm	SS	STAINLESS STEEL	JOINER	CHANNEL JOINER COMPONENT	SUITS CHANNEL: CS234 CS244 CS255
180 DEGREE INLINE BASE JOINER	300833	70x25x2.0mm	SS	STAINLESS STEEL	JOINER	CHANNEL JOINER COMPONENT	SUITS CHANNEL: CS234
BASE FIX MITRE 90 DEGREE CORNER	300834	57x70mm	SS	STAINLESS STEEL	JOINER	CHANNEL JOINER COMPONENT	SUITS CHANNEL: CS234
END CAP	300455	40 x 30mm	NATURAL	ALUM 6063	END CAP	END CAP COMPONENT	SUITS CHANNEL: CS234
FIN END CAP	300454	38x30mm	NATURAL	ALUM 6063	FIN END CAP	END CAP COMPONENT	SUITS CHANNEL: CS234

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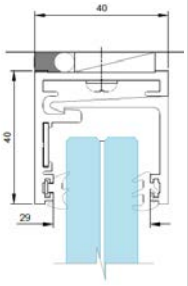
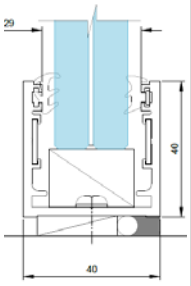
FRAMELESS INTERNAL PARTITIONS AND WALLS

10 YEAR HARDWARE WARRANTY

Channel Section: 40x40mm

(Internal Partitions, Structural Walls, Showers, Sliding Hinged Pivot Doors)

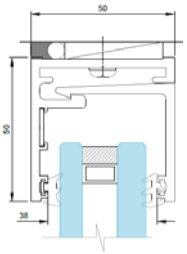
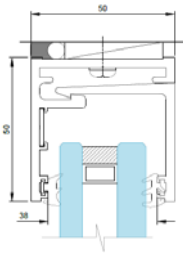
Product	Model	Sizes mm	Finish	Material	Type	Application	Area
TWO PIECE CHANNEL CS244 KIT **(HEAD SECTION)** 	500243	40 x 40mm	ANOD NATURAL	ALUM 6063	CHANNEL	CHANNEL SECTION COMPONENTS **5000mm** Channel 500610 (MILL FINISH) 500611 (ANOD NATURAL) Bead 300313 (MILL FINISH) 300314 (ANOD NATURAL)	Internal & External
	500244	40 x 40mm	MILL FINISH				
		GLASS THICKNESS: 15 – 19mm 29mm glazing pocket	ON REQUEST: POWDERCOAT				
CHANNEL CS144 (BASE SECTION) 	300286	40 x 40mm	ANOD NATURAL	ALUM 6063	CHANNEL	CHANNEL SECTION	Internal & External
	300285	40 x 40mm	MILL FINISH				
		GLASS THICKNESS: 15 – 19mm 29mm glazing pocket	ON REQUEST: POWDERCOAT				
90 DEGREE JOINER 	300835	40x40x1.0mm	SS	STAINLESS STEEL	JOINER	CHANNEL JOINER COMPONENT	SUITS CHANNEL: CS234 CS244 CS255
180 DEGREE INLINE JOINER 	300837	50x13mm	SS	STAINLESS STEEL	JOINER	CHANNEL JOINER COMPONENT	SUITS CHANNEL: CS234 CS244 CS255
180 DEGREE INLINE BASE JOINER 	300838	70x34x2.0mm	SS	STAINLESS STEEL	JOINER	CHANNEL JOINER COMPONENT	SUITS CHANNEL: CS244
BASE FIX MITRE 90 DEGREE CORNER 	301741	35x35x2.0mm	SS	ALUM 6063	JOINER	CHANNEL JOINER COMPONENT	SUITS CHANNEL: CS244
END CAP 	300456	40x40mm	NATURAL	ALUM 6063	END CAP	END CAP COMPONENT	SUITS CHANNEL: CS244
FIN END CAP 	300457	38x40mm	NATURAL	ALUM 6063	FIN END CAP	END CAP COMPONENT	SUITS CHANNEL: CS244

FRAMELESS INTERNAL PARTITIONS AND WALLS

10 YEAR HARDWARE WARRANTY

Channel Section: 50x50mm

(Internal Partitions, Structural Walls, Showers, Sliding Hinged Pivot Doors)

Product	Model	Sizes mm	Finish	Material	Type	Application	Area
TWO PIECE CHANNEL CS255 KIT (HEAD SECTION) 	500245	50 x 50mm	ANOD NATURAL	ALUM 6063	CHANNEL	CHANNEL SECTION COMPONENTS **5000mm** Channel 500612 (MILL FINISH) 500613 (ANOD NATURAL) Bead 300322 (MILL FINISH) 300323 (ANOD NATURAL)	Internal & External
	500246	50 x 50mm	MILL FINISH				
		GLASS THICKNESS: 25mm 38mm glazing pocket	ON REQUEST: POWDERCOAT				
CHANNEL CS155 (BASE SECTION) 	300325	50 x 50mm	ANOD NATURAL	ALUM 6063	CHANNEL	CHANNEL SECTION	Internal & External
	300324	50 x 50mm	MILL FINISH				
		GLASS THICKNESS: 25mm 38mm glazing pocket	ON REQUEST: POWDERCOAT				
90 DEGREE JOINER	300835	40x40x1.0mm	SS	STAINLESS STEEL	JOINER	CHANNEL JOINER COMPONENT	SUITS CHANNEL: CS234 CS244 CS255
180 DEGREE INLINE JOINER	300837	50x13mm	SS	STAINLESS STEEL	JOINER	CHANNEL JOINER COMPONENT	SUITS CHANNEL: CS234 CS244 CS255
180 DEGREE INLINE BASE JOINER	300840	70x43x2.0mm	MILL FINISH	ALUM 6063	JOINER	CHANNEL JOINER COMPONENT	SUITS CHANNEL: CS255
BASE FIX MITRE 90 DEGREE CORNER	300841	50x50x2.0mm	MILL FINISH	ALUM 6063	JOINER	CHANNEL JOINER COMPONENT	SUITS CHANNEL: CS255
END CAP	300487	50 x 50mm	NATURAL	ALUM 6063	END CAP	END CAP COMPONENT	SUITS CHANNEL: CS255

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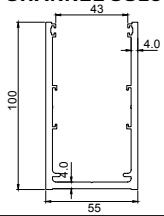
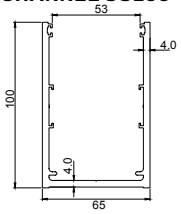
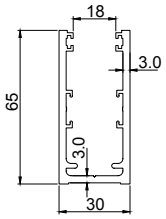
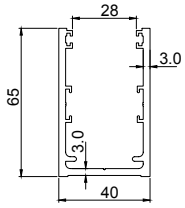
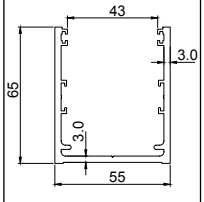
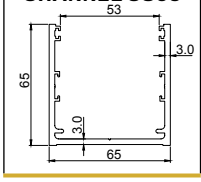
FRAMELESS INTERNAL PARTITIONS AND WALLS

10 YEAR HARDWARE WARRANTY

Heavy Duty Commercial Glazing Sections

(Internal and External Partitions, Structural Walls)

Product	Model	Sizes mm	Finish	Material	Type	Application	Area
SHOPFRONT GLAZING CHANNEL CS100 	302213	100 x 55 x 5000mm	MILL FINISH	ALUM 6060 – T5	CHANNEL	SHOPFRONT COMMERCIAL GLAZING CHANNEL SECTION	Internal & External
SHOPFRONT GLAZING CHANNEL CS100 	302214	100 x 65 x 5000mm	MILL FINISH	ALUM 6060 – T5	CHANNEL	SHOPFRONT COMMERCIAL GLAZING CHANNEL SECTION	Internal & External
SHOPFRONT GLAZING CHANNEL CS65 	302210	65 x 30 x 5000mm	MILL FINISH	ALUM 6060 – T5	CHANNEL	SHOPFRONT COMMERCIAL GLAZING CHANNEL SECTION	Internal & External
SHOPFRONT GLAZING CHANNEL CS65 	302209	65 x 40 x 5000mm	MILL FINISH	ALUM 6060 – T5	CHANNEL	SHOPFRONT COMMERCIAL GLAZING CHANNEL SECTION	Internal & External
SHOPFRONT GLAZING CHANNEL CS65 	302211	65 x 55 x 5000mm	MILL FINISH	ALUM 6060 – T5	CHANNEL	SHOPFRONT COMMERCIAL GLAZING CHANNEL SECTION	Internal & External
SHOPFRONT GLAZING CHANNEL CS65 	302212	65 x 65 x 5000mm	MILL FINISH	ALUM 6060 – T5	CHANNEL	SHOPFRONT COMMERCIAL GLAZING CHANNEL SECTION	Internal & External

FRAMELESS INTERNAL PARTITIONS AND WALLS

Packers / Typical Fixings / Setting Blocks Components

10 YEAR HARDWARE WARRANTY

Product	Model	Sizes mm	Finish	Material	Type	Application	Area
SETTING BLOCK	301044	15 x 17 x 50mm	BLACK	SANTOPRENE	SETTING BLOCK	CHANNEL SECTION COMPONENT	Internal & External
PAN HEAD SCREWS	301210	25mmx10g	SS	304 STAINLESS STEEL	SCREW FIXING	CHANNEL SECTION FIXING COMPONENT	Internal & External
	301310	**35mmx10g**	**SS**				
	301242	50mmx10g	SS				
PLASTIC PACKERS	301049	1.5mm	VARIOUS COLOURS	PLASTIC	PACKER	PLASTIC PACKER COMPONENT	Internal & External
	301051	**2mm**	**VARIOUS COLOURS**				
	301052	3mm	VARIOUS COLOURS				
	301053	**4mm**	**VARIOUS COLOURS**				
	301054	5mm	VARIOUS COLOURS				
	301055	**6mm**	**VARIOUS COLOURS**				
	301050	10mm	VARIOUS COLOURS				
SILICONE SPATULA	300007	96x91x8mm	RED	SILICONE PLASTIC	SILICONE BEAD SPREADER	SMOOTHER FOR SILICONE BEADS	Internal & External

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