

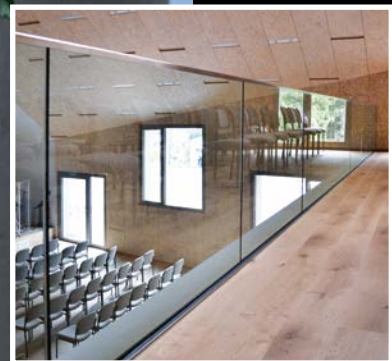
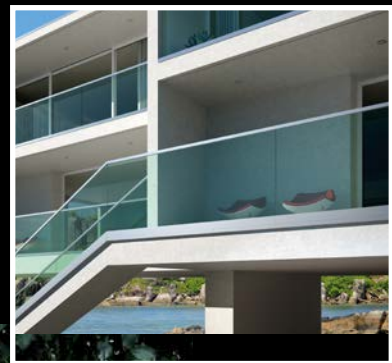
aalco®

ARCHITECTURAL
HANDRAIL
SYSTEMS

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AALCO SYSTEMS

GLASS U SYSTEMS





Design solutions for glass railings

Glass U is a **modular system for creating glass railings** (without struts) for stairs and balconies, with **floor or wall anchoring**; it is suitable both for interiors and exteriors, for **private** and **public** places including areas of high traffic. Every Glass U product is made to meet highly exacting technical requirements, creating a fixing system that supports the installation with a selection of stands and complementary covers which are ready to be assembled. With just a few actions, the fastening procedure ensures precise fitting and reduced installation time. The system guarantees complete security in fastening the sheet to the profile.

Easy and fast installation

Designed in collaboration with qualified technicians, every phase of assembly is simple and clear.

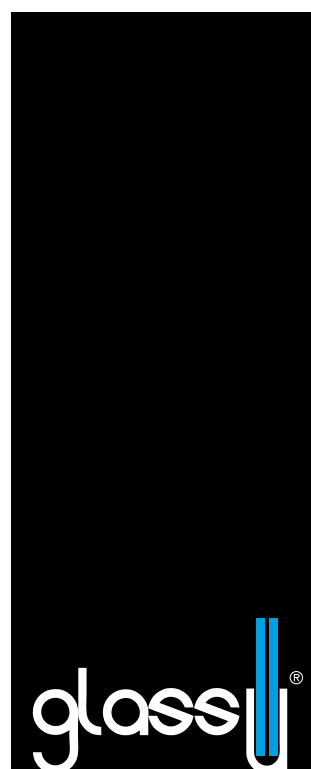
High versatility

Thanks to a minimal design, Glass U systems are suitable for every location, both contemporary and classic. At the same time, the wide choice of accessories enables a project to meet all sorts of technical and constructional demands. "U" metallic profiles are typical of the range, having a system of floor and wall anchoring. Wall anchoring is particularly useful when it is necessary to maximise the space available on stairs, landings or terraces.

Glass and customisation

The main component of Glass U balconies is the glass, toughened and laminated. This ensures great rigidity, fragments contained in case of breakage, UV protection, edge stability, soundproofing and transparency customisation (with extra clear or clear colour finishes). For even greater resistance, especially in busy public spaces, laminated glass is available.

OUTLINE OF THE PRODUCTS AND THEIR APPLICATIONS



USE

GLASS THICKNESS

PROFILE WEIGHT

ANCHORAGE POSSIBILITY

POSSIBLE USES

TESTED

design load
ultimate strength

CERTIFICATION

PAGE NUMBER

Glass U 2000

The natural evolution of Glass U, "A" is ideal for private homes, bars, restaurants and most public places, thanks to increased load resistance. In addition to the classic fixing system, it is equipped with a patented glass spacer system that increases its strength.

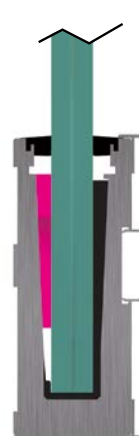


Glass U 2000 L

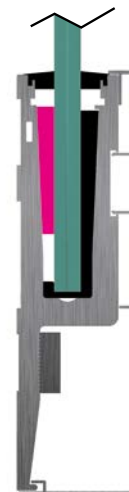


Glass U 2000

Thanks to its high load resistance, this Class A evolution is perfect for private housing, cafés, restaurants and most public spaces. Not only does it have the usual fastening system, but it is also characterised by a patented distancing system for glass which enhances its solidity.



Glass U 1000



Public area

Public area

12.76-13.52-16.76 17.52-19-20.76-21.52

12.76-13.52-16.76 17.52-19-20.76-21.52

12.76-13.52-16.76 17.52-19-20.76-21.52

12.76-13.52-16.76 17.52-19-20.76-21.52

7.95kg/ml

10.10kg/ml

8.02kg/ml

9.88kg/ml



Floor Anchoring



Floor Anchoring



Lateral Anchoring



Lateral Anchoring



Linear



Linear



Stairways



Linear



Stairways



Linear

Contact your local Service Centre for loadings



6

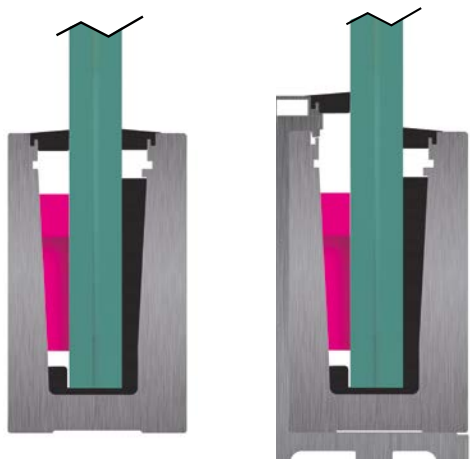
8

12

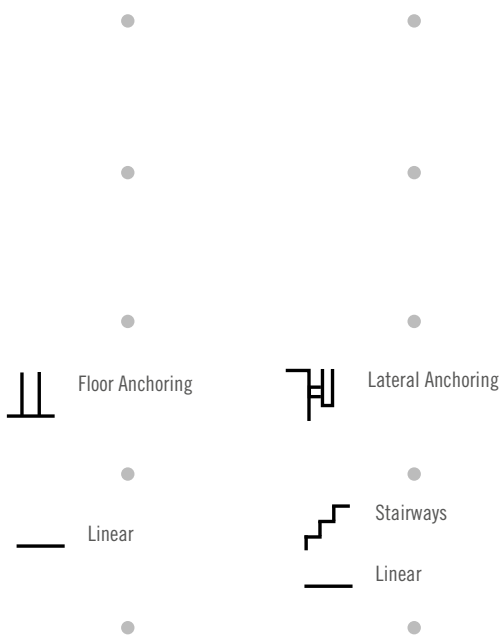
14

Glass U 3000

This system is designed for public spaces subject to high traffic, such as museums, shopping centres, theatres and auditoriums. It can withstand a 300kg/ml side-wind and meets most security regulations. Not only does it have the usual fastening system, but it is also characterised by a patented distancing system for glass which enhances its solidity.



Well frequented public places



Contact your local Service Centre for loadings



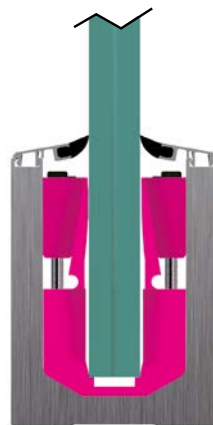
16



18

Glass U P

“P” is the final design in our Glass U range and represents a revolution in glass fastening. Thanks to a patented system, it is possible to regulate glass grades and achieve a fast installation. It is perfect for public buildings.



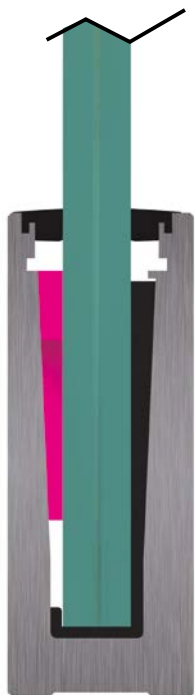
Public area



24

Caution: use glass only as indicated under current regulations. For more information contact your local Service Centre.

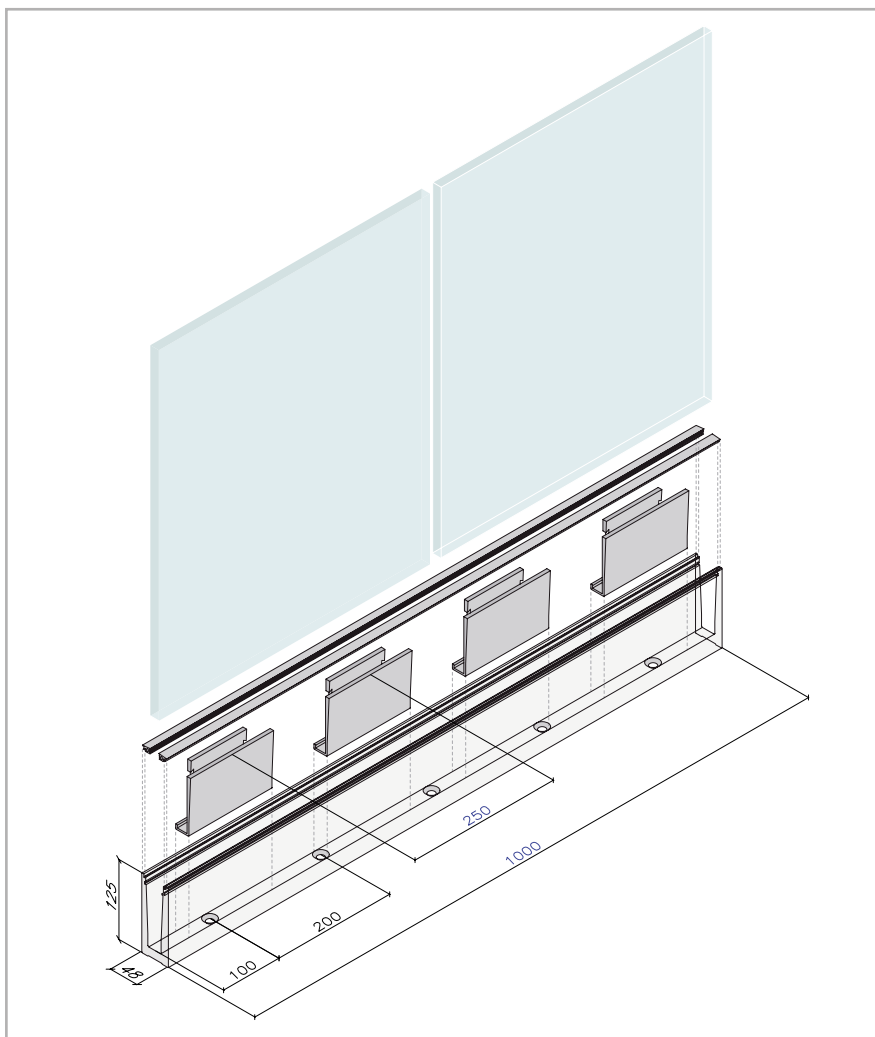
The natural evolution of Glass U, “A” is ideal for private homes, bars, restaurants and most public places, thanks to increased load resistance. In addition to the classic fixing system, it is equipped with a patented glass spacer system that increases its strength.



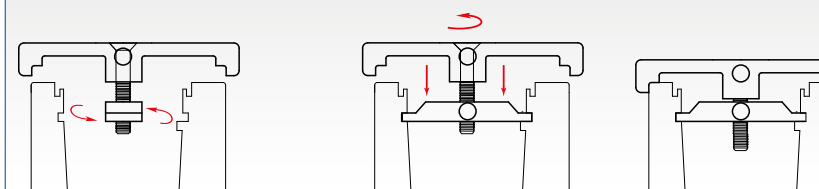
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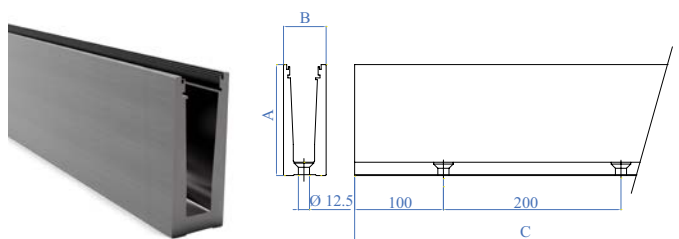
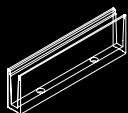
- closure tops
- spacers to insert at the end of each glass panel
- spacers for the base of each profile to allow the flow of water
- fastening wedges in synthetic material
- rubber closure seals for various glass thicknesses, see table

Spacers, which are inserted at the end of each piece of glass, guarantee enhanced safety and stability for the profile. They enable greater adhesion between glass and profile, while preventing any movement.

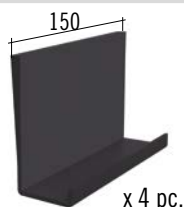


E1800240





ALUMINIUM	A	B	C
E1800130	125mm	48mm	3000mm



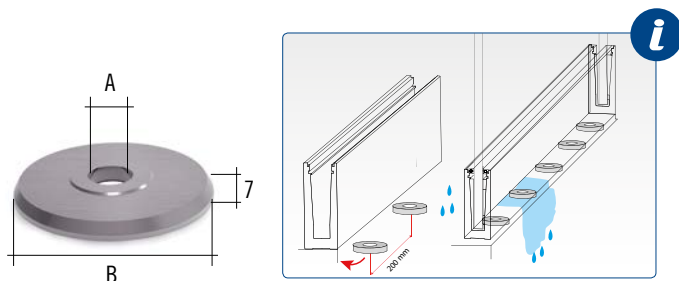
x 4 pc.



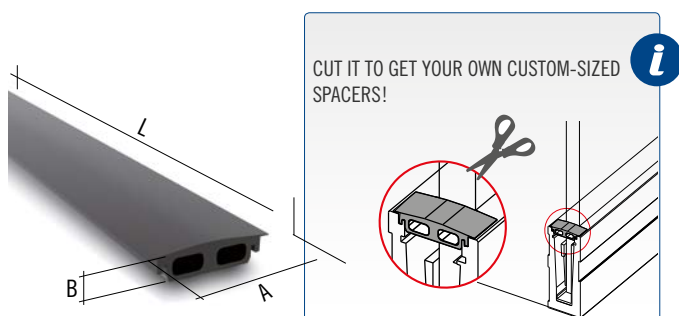
x 4 pc.

Fixing kit for 1 metre balustrade

PLASTIC	GLASS THICKNESS
E1804600	12.76mm
E1807600	13.52mm
E1808600	15mm
E1809600	16.76mm
E1805600	17.52mm
E1810600	19mm
E1806600	20.76 - 21.52mm



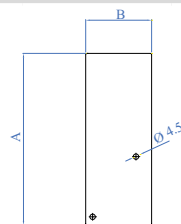
ALUMINIUM	A	B
E1800350	Ø 20mm	Ø 48mm



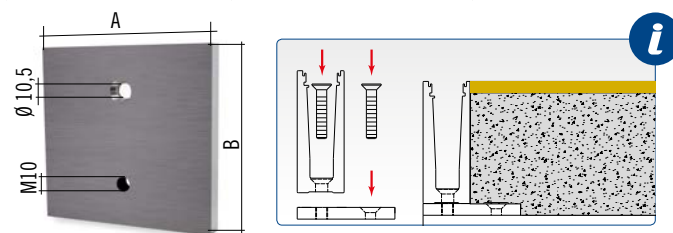
RUBBER	A	B	L
E1999004	45mm	10.5mm	500mm



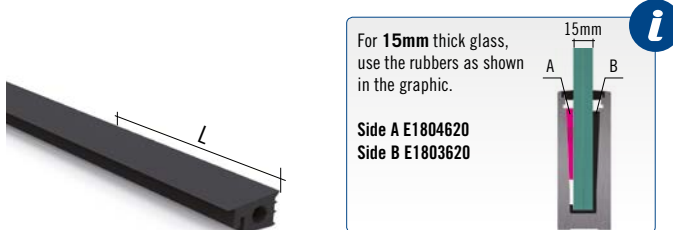
AISI316	A	B	C
E1999001	125mm	78mm	15mm



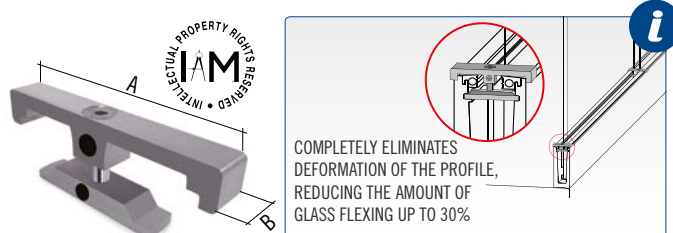
ALUMINIUM	A	B
E1800215	125mm	48mm



IRON - ZINC	A	B
E1800360	100mm	100mm

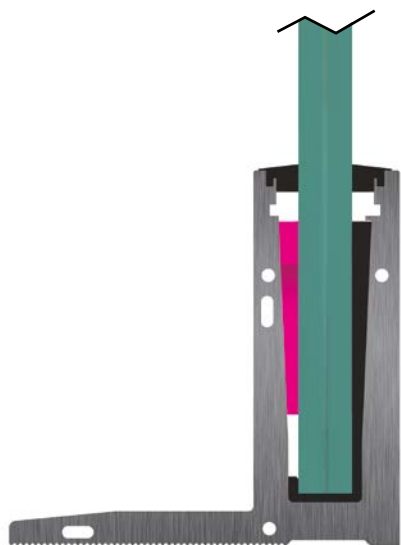


RUBBER	GLASS THICKNESS	L
E1804620	12.76 - 13.52 and 15mm	3000mm
E1803620	16.76 - 17.52 and 19mm	3000mm
E1806620	20.76 - 21.52mm	3000mm



AISI316	A	B
E1800240	58mm	15mm

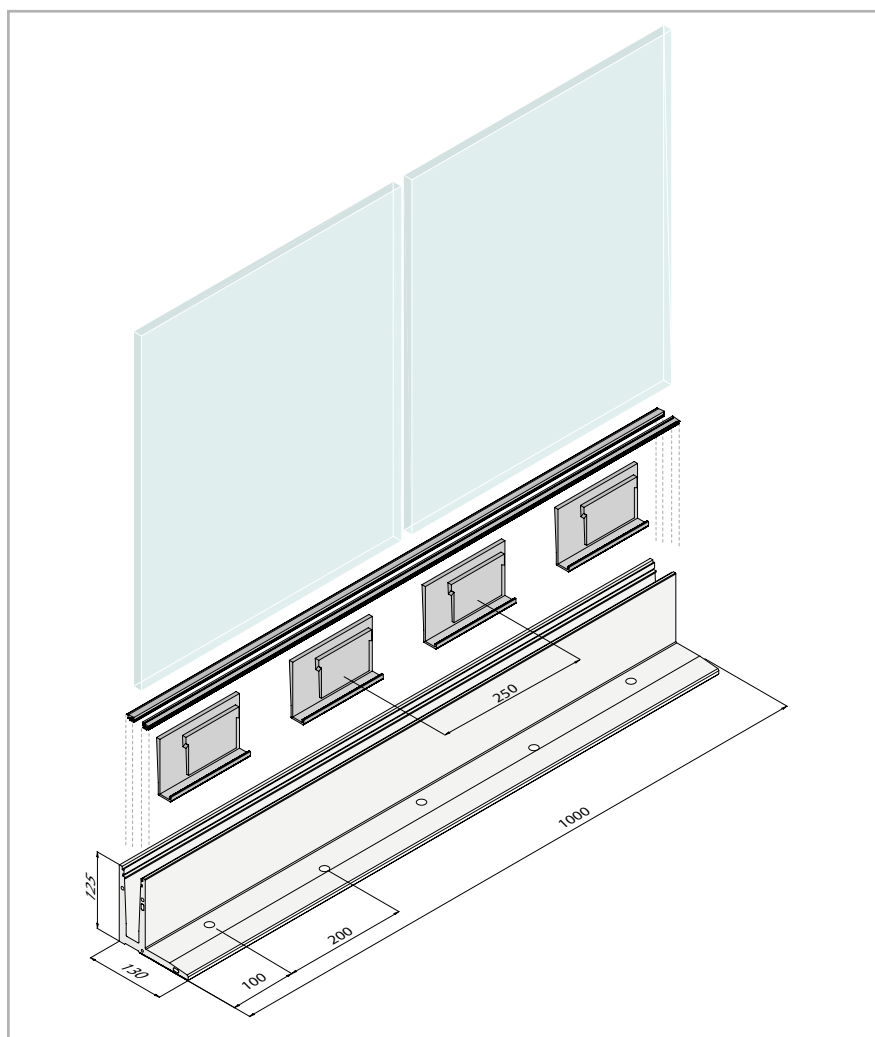
Caution: use glass only as indicated under current regulations. For more information contact your local Service Centre.



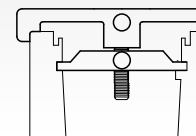
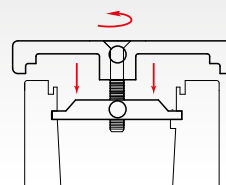
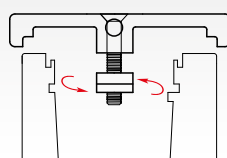
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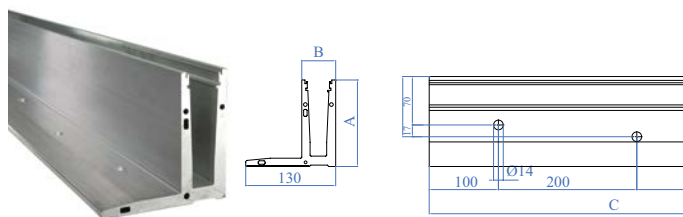
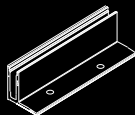
- closure tops
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- rubber closure seals for various glass thicknesses, see table

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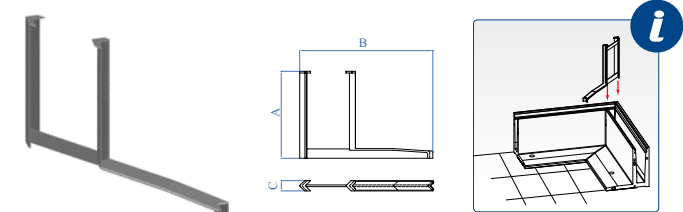


E1800240

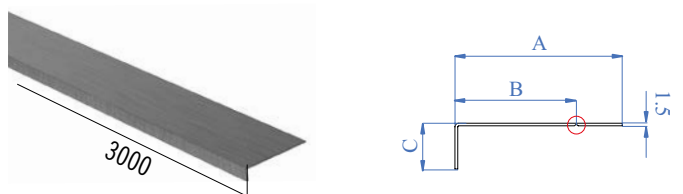




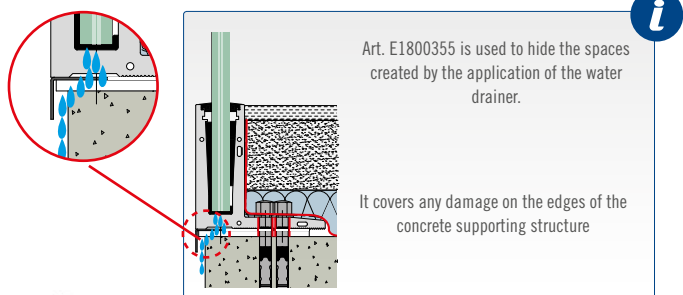
ALUMINIUM	A	B	C
E1800170	125mm	49mm	3000mm



AISI316	A	B	C
E1999005	127mm	195mm	15mm

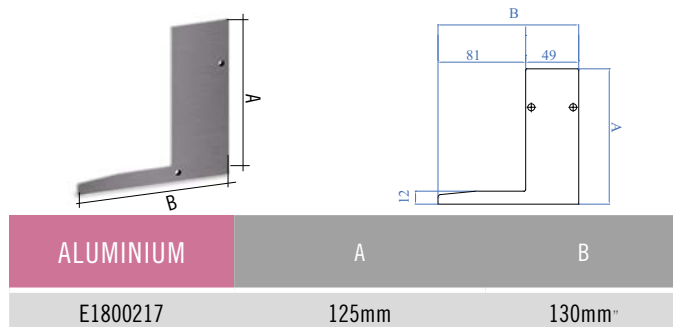
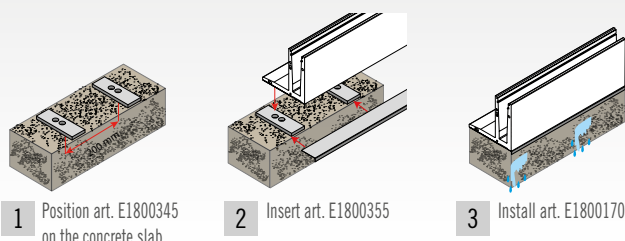


ALUMINIUM	A	B	C
E1800355	91mm	66mm	25mm

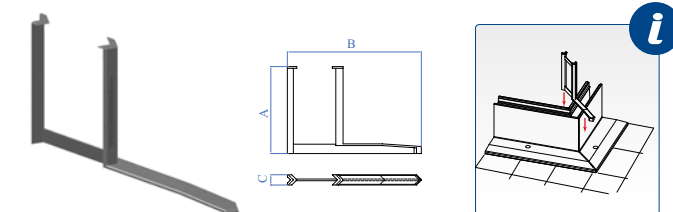


ALUMINIUM	A	B	C
E1800345	11mm	40mm	6mm

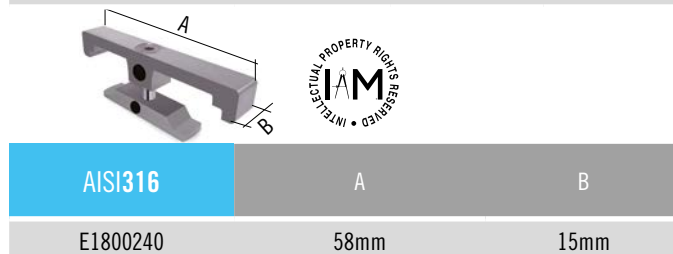
HOW TO USE THE WATER DRAINER AND THE PROTECTING COVER



ALUMINIUM	A	B
E1800217	125mm	130mm



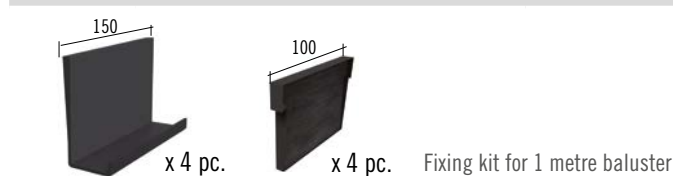
AISI316	A	B	C
E1999006	127mm	195mm	15mm



AISI316	A	B
E1800240	58mm	15mm

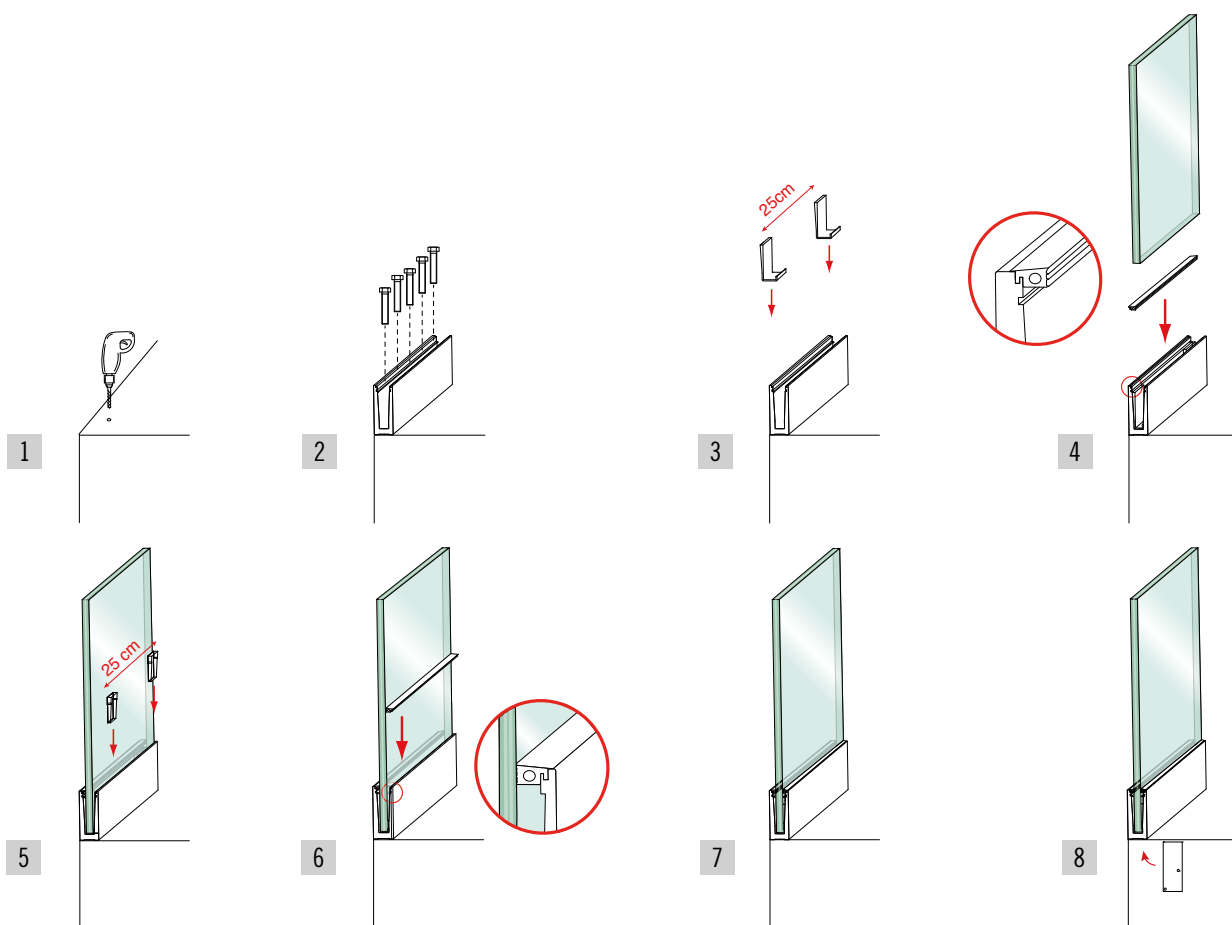


RUBBER	GLASS THICKNESS	L
E1804620	12.76 - 13.52 and 15mm	3000mm
E1803620	16.76 - 17.52 and 19mm	3000mm
E1806620	20.76 - 21.52mm	3000mm

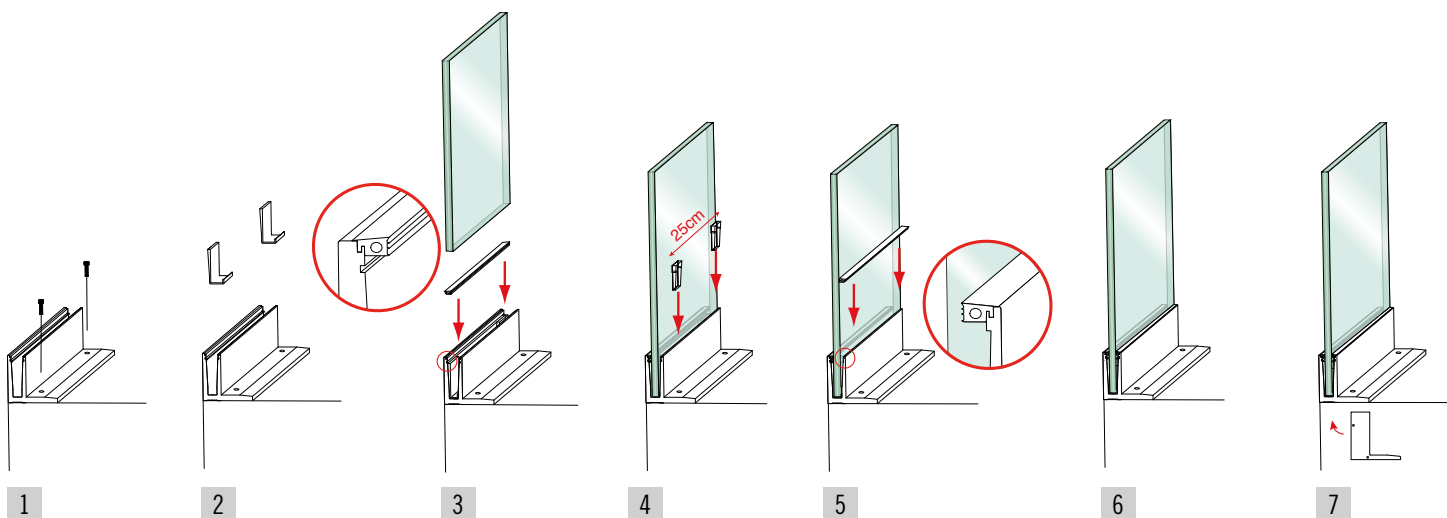


PLASTIC	GLASS THICKNESS
E1804600	12.76mm
E1807600	13.52mm
E1808600	15mm
E1809600	16.76mm
E1805600	17.52mm
E1810600	19mm
E1806600	20.76 - 21.52mm

FLOOR ANCHORING INSTALLATION GLASS U 2000



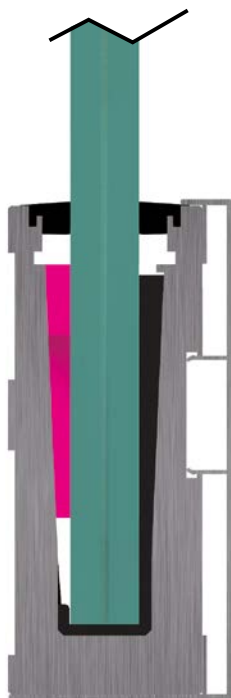
FLOOR ANCHORING INSTALLATION GLASS U 2000 L





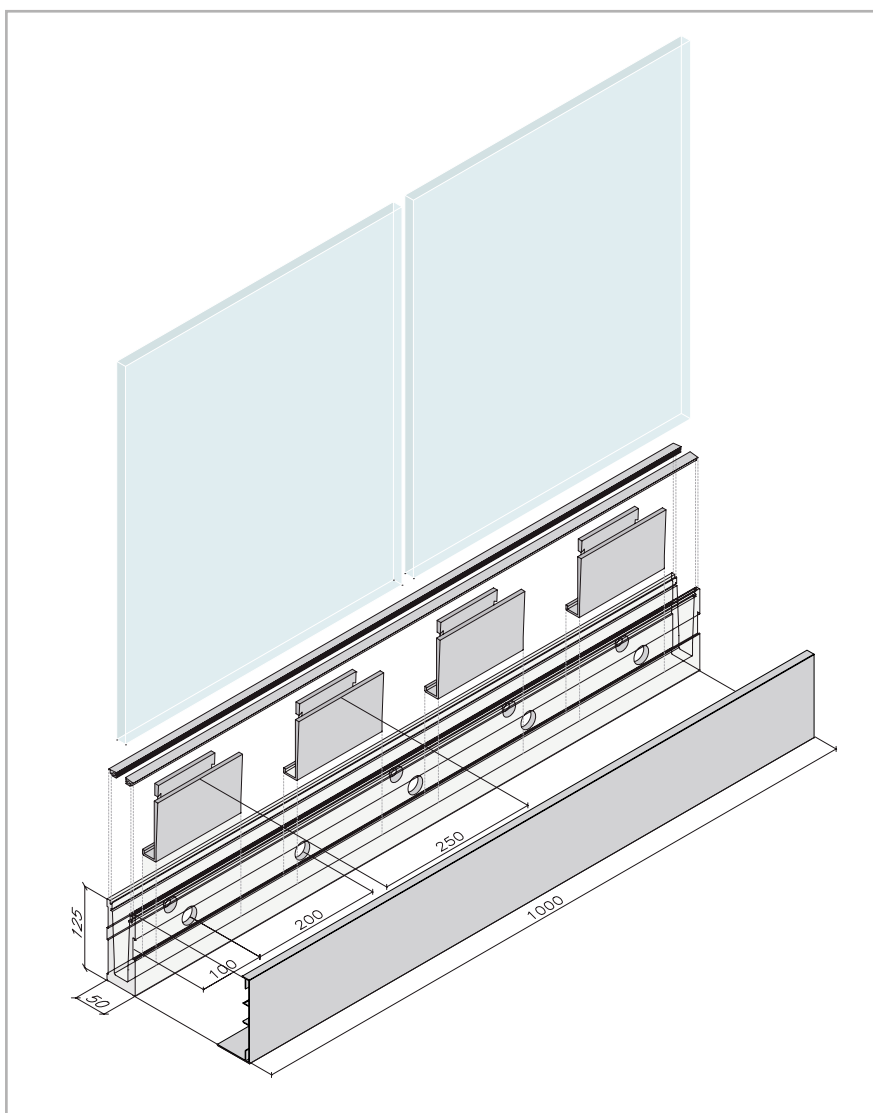
Caution: use glass only as indicated under current regulations. For more information contact your local Service Centre.

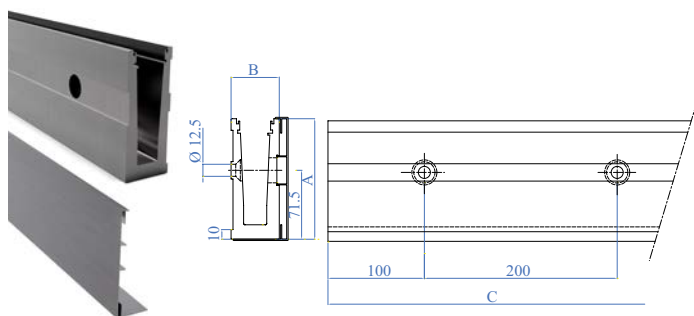
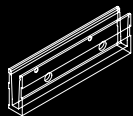
The natural evolution of Glass U, “A” is ideal for private homes, bars, restaurants and most public places, thanks to increased load resistance. In addition to the classic fixing system, it is equipped with a patented glass spacer system that increases its strength.



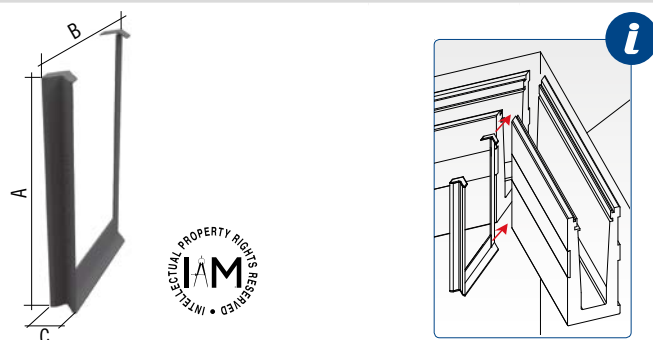
Profiles are provided with:

- closure tops
- spacers to insert at the end of each glass panel
- spacers for the base of each profile to allow the flow of water
- fastening wedges in synthetic material
- rubber closure seals for various glass thicknesses, see table

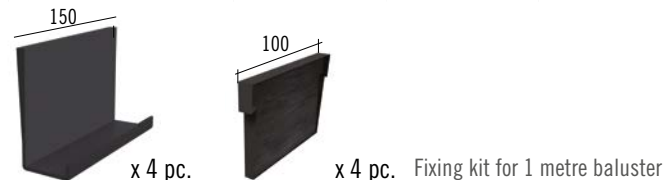




ALUMINIUM	A	B	C
E1800140	125mm	50mm	3000mm



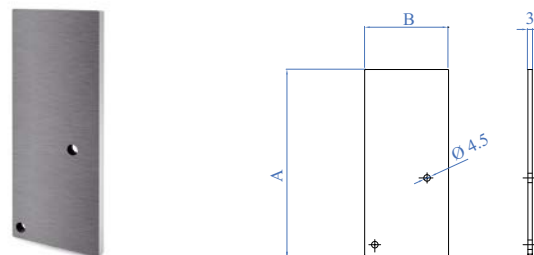
AISI316	A	B	C
E1999002	127mm	79mm	15mm



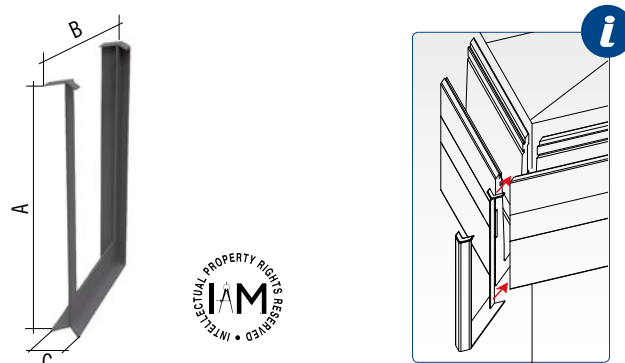
PLASTIC	GLASS THICKNESS
E1804600	12.76mm
E1807600	13.52mm
E1808600	15mm
E1809600	16.76mm
E1805600	17.52mm
E1810600	19mm
E1806600	20.76 - 21.52mm



RUBBER	Glass thickness	L
E1804620	12.76 - 13.52 and 15mm	3000mm
E1803620	16.76 - 17.52 and 19mm	3000mm
E1806620	20.76 - 21.52mm	3000mm



ALUMINIUM	A	B
E1800216	128mm	58mm



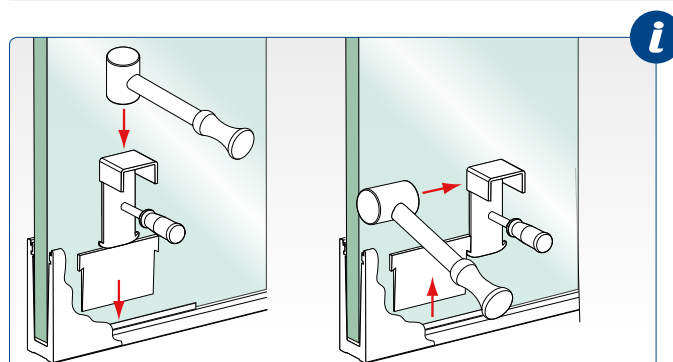
AISI316	A	B	C
E1999003	127mm	78mm	15mm



AISI316	GALVANIZED IRON	DESCRIPTION
E037	I037	Certified screws for Glass U

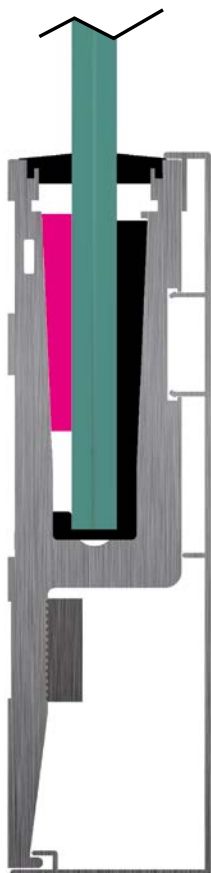


DESCRIPTION
E40588 Tool for insertion and removal of the wedges from the profile



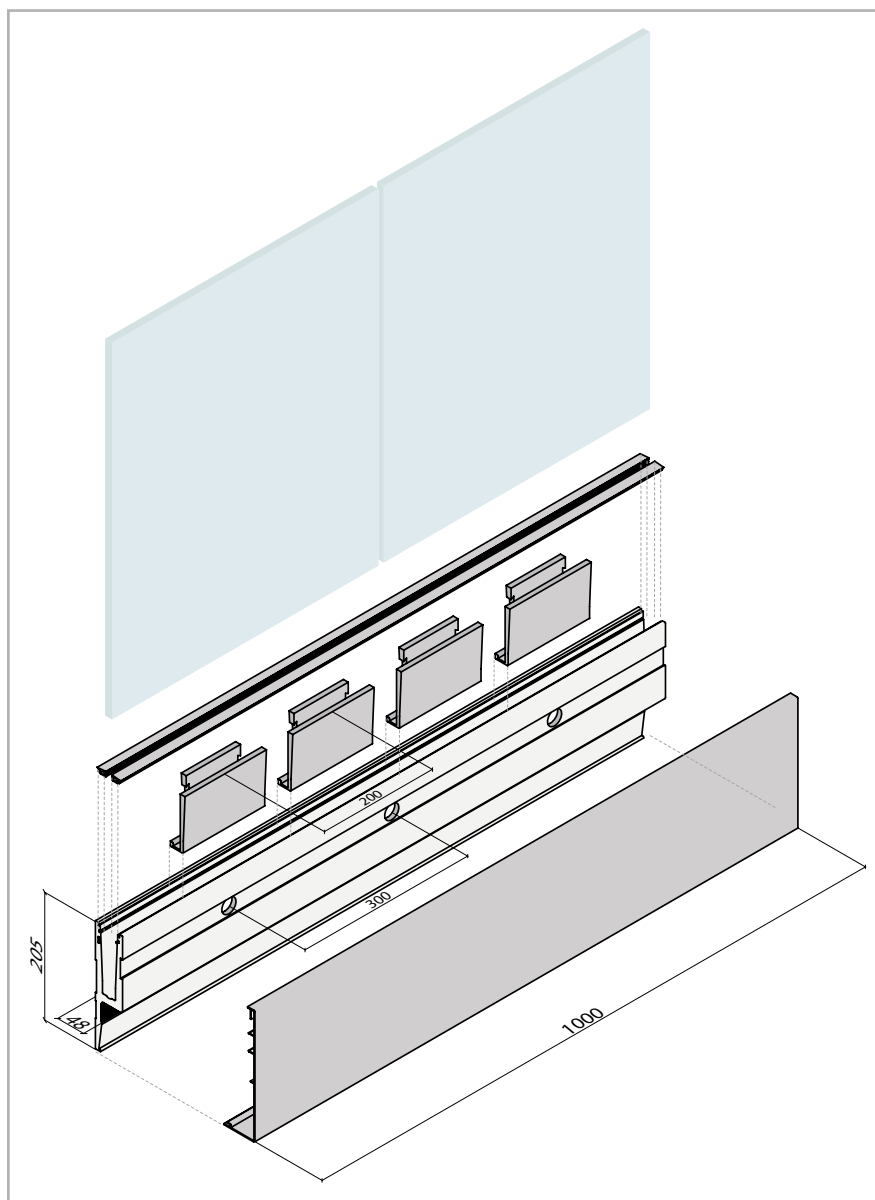
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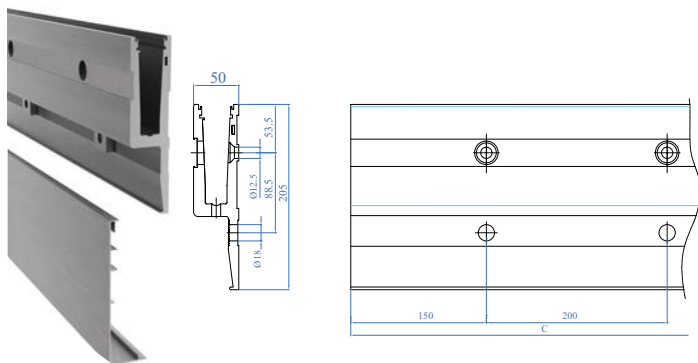
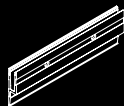
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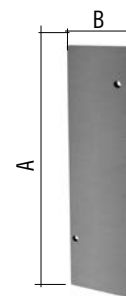
Profiles are provided with:

- closure tops
- fastening wedges in synthetic material
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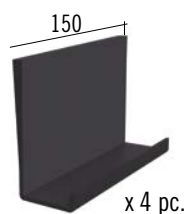




ALUMINIUM	A	B	C
E1800180	205mm	50mm	3000mm



ALUMINIUM	A	B
E1800290	210mm	59mm



x 4 pc.

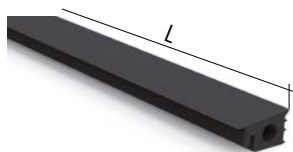
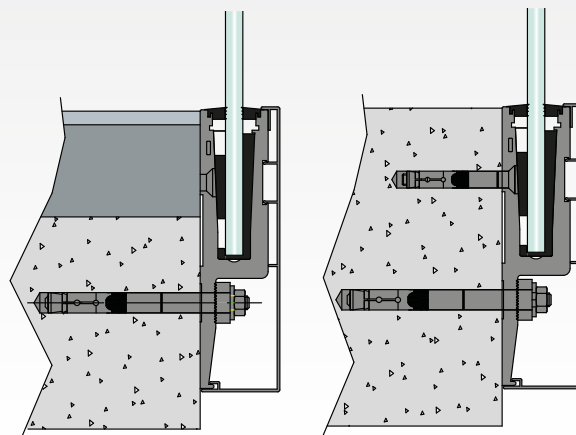


x 4 pc.

Fixing kit for 1 meter baluster

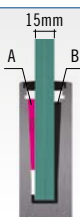
PLASTIC	GLASS THICKNESS
E1804600	12.76mm
E1807600	13.52mm
E1809600	16.76mm
E1805600	17.52mm
E1810600	19mm
E1806600	20.76 - 21.52mm

The Glass U Side Mounting System gives maximum freedom of anchorage by varying the fixing height. Thanks to its multiple fixing points, the system can be anchored to the floor level even where there are non load-bearing layers such as the screed



For 15mm-thick glass,
use the rubbers as shown
in the graphic.

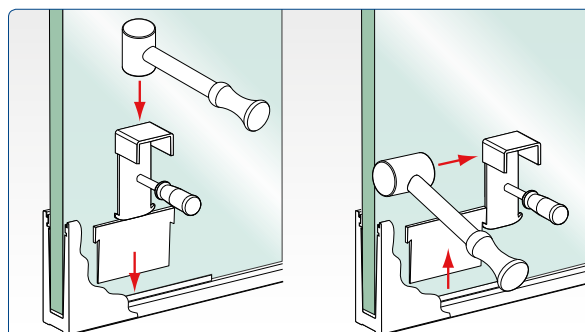
Side A E1804620
Side B E1803620



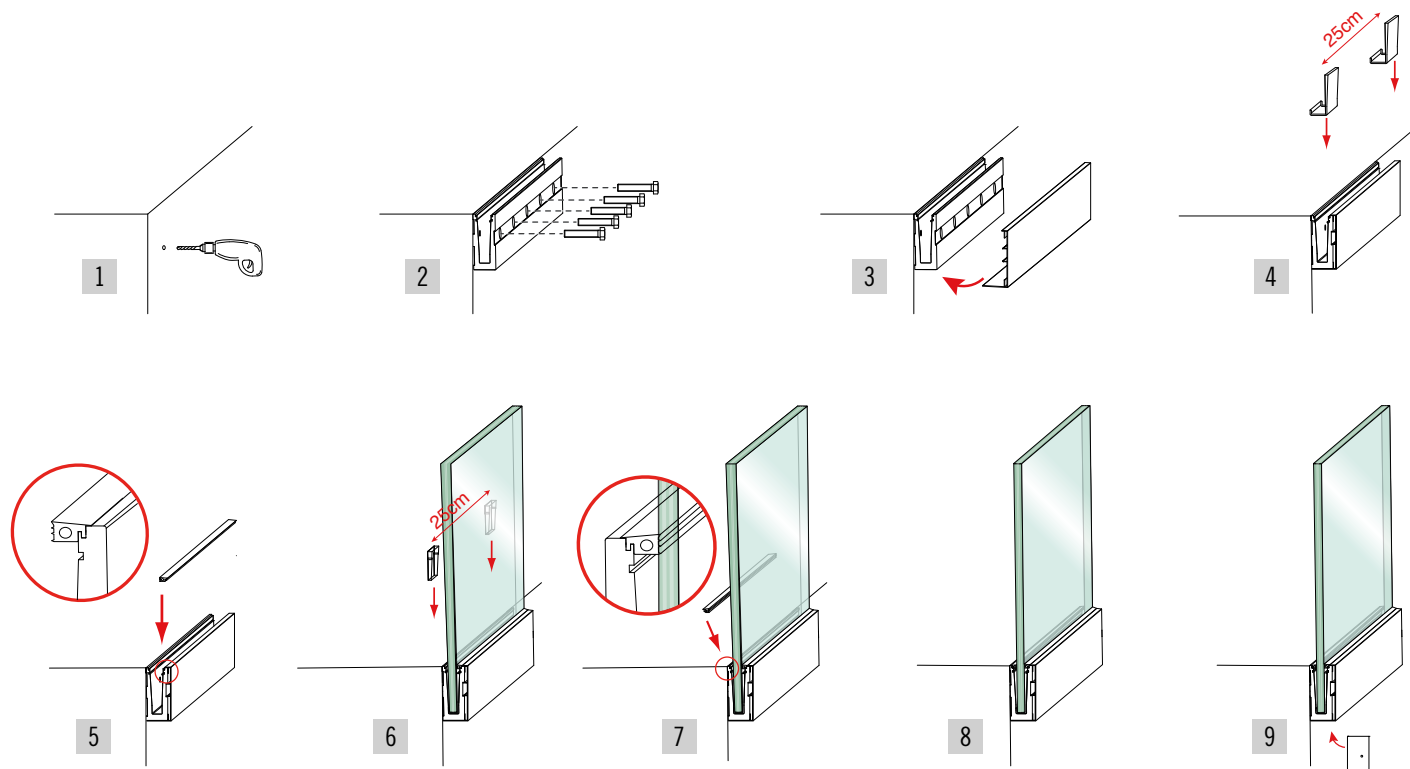
RUBBER	GLASS THICKNESS	L
E1804620	12.76 - 13.52 and 15mm	3000mm
E1803620	16.76 - 17.52 and 19mm	3000mm
E1806620	20.76 - 21.52mm	3000mm

DESCRIPTION

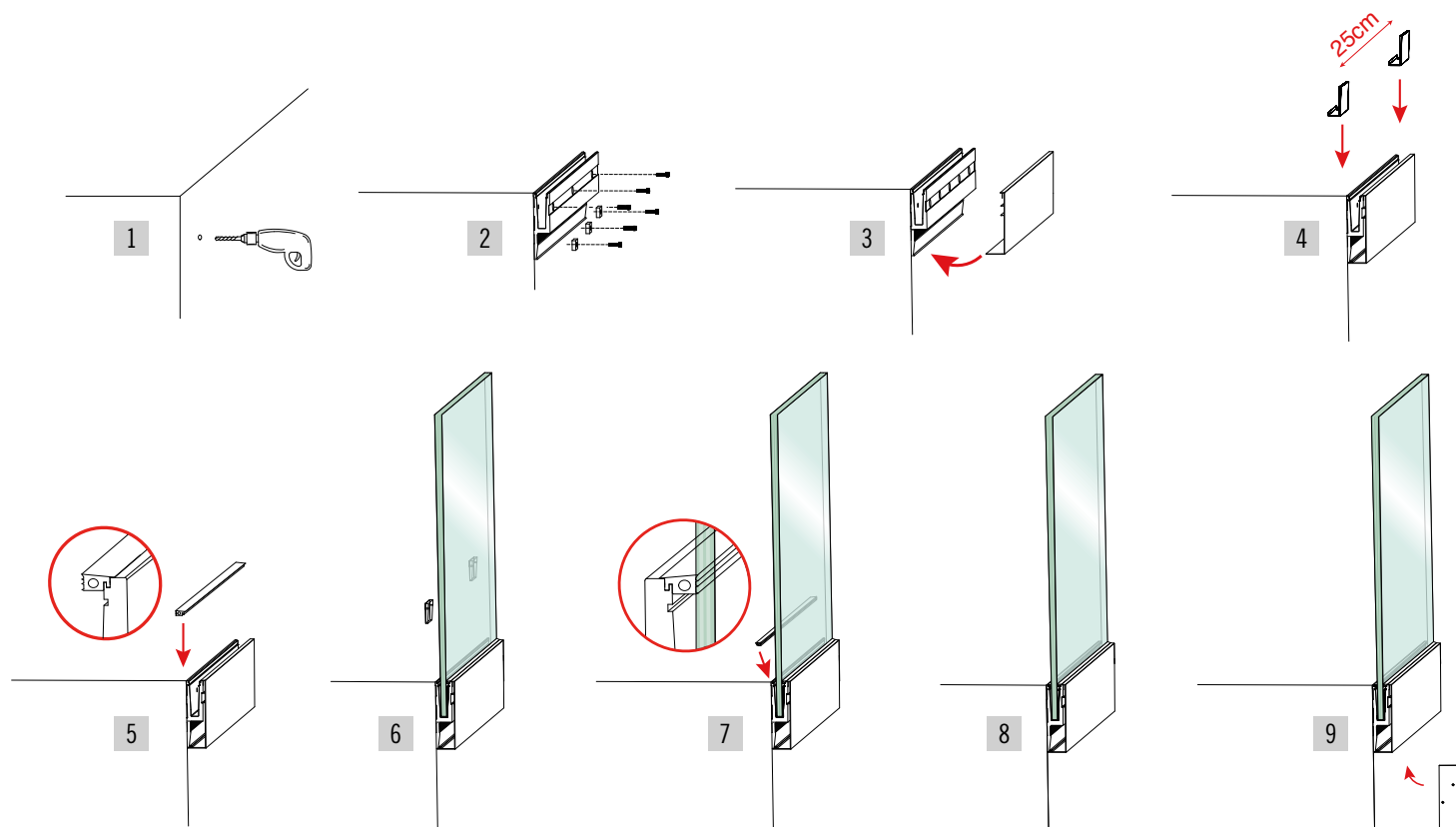
E40588 Tool for insertion and removal of the wedges from the profile

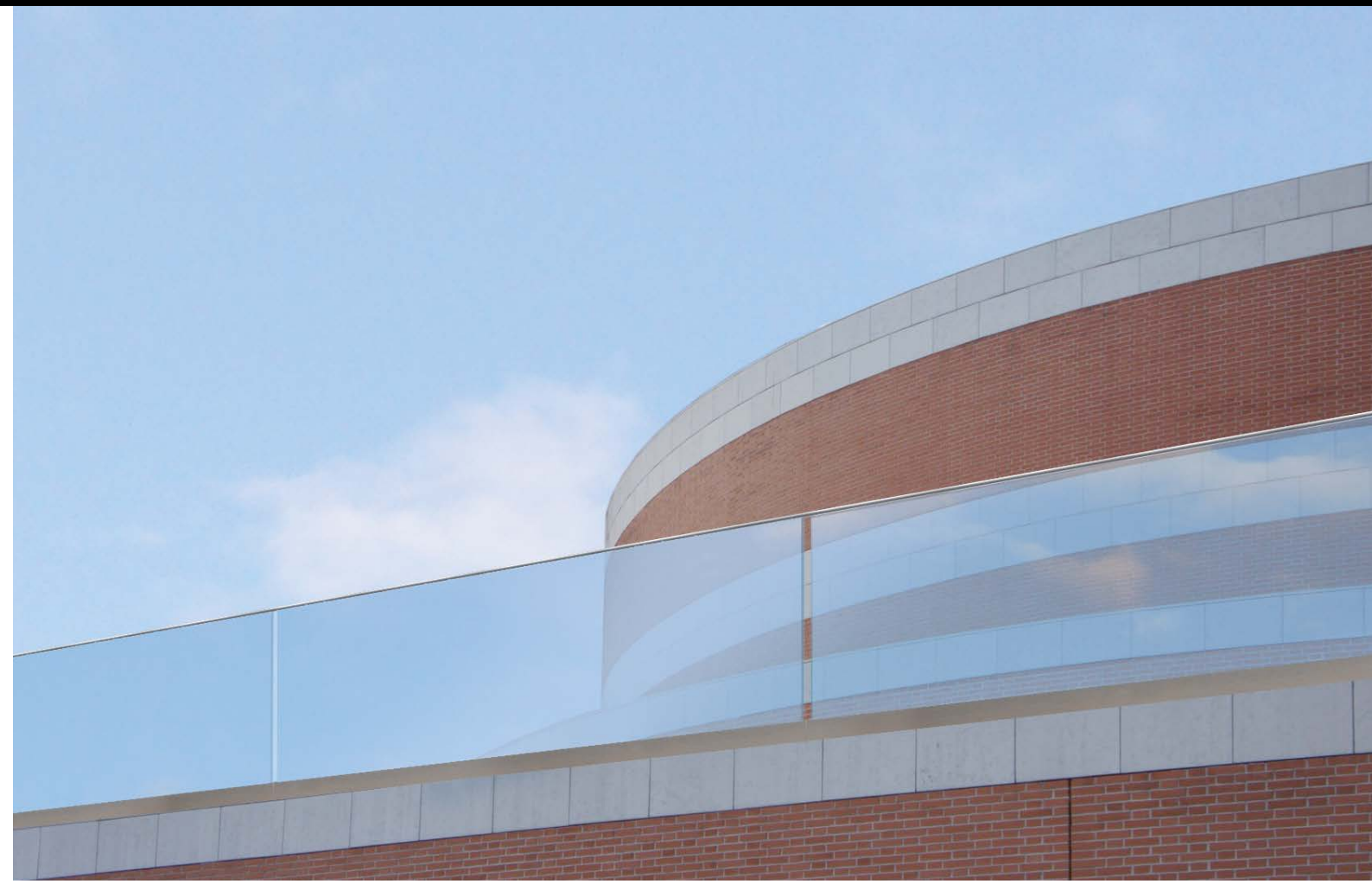


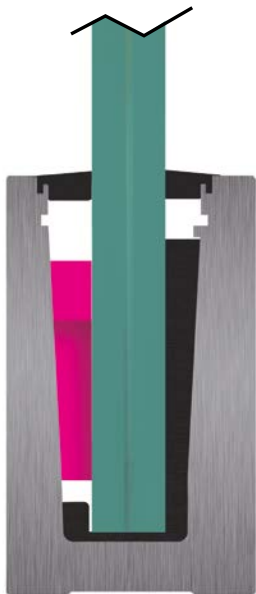
WALL ANCHORING INSTALLATION GLASS U 2000



WALL ANCHORING INSTALLATION GLASS U 1000





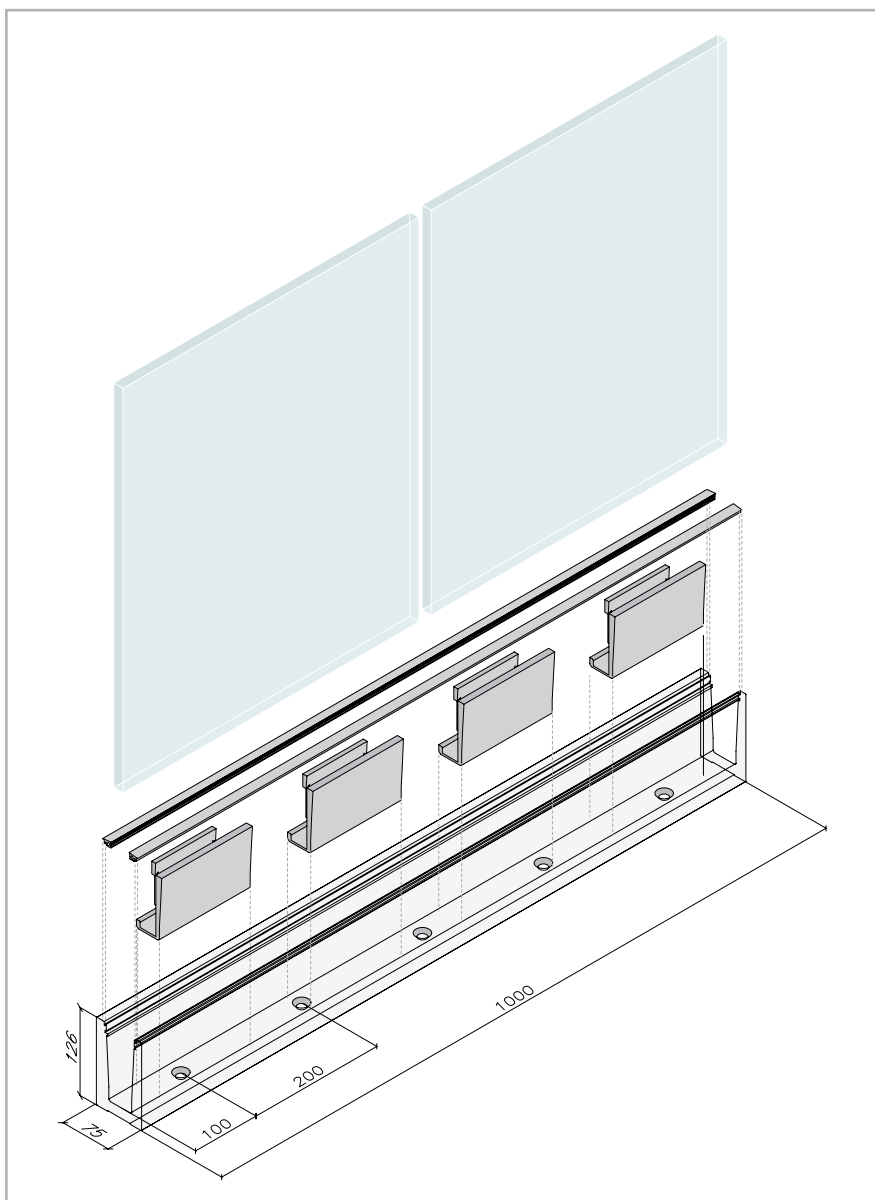


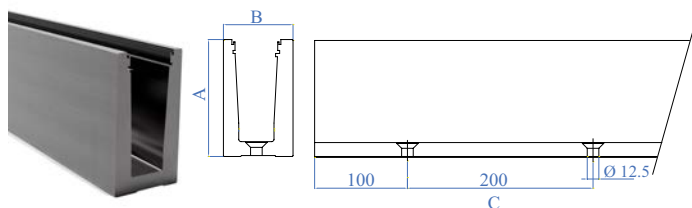
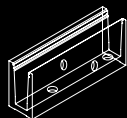
Caution: use glass only as indicated under current regulations. For more information contact your local Service Centre.

This system is designed for public spaces subject to high traffic such as museums, shopping centres, theatres and auditoriums. It withstands a 300kg/ml side-wind and meets most security regulations. Not only does it have the usual fastening system, but it is also characterised by a patented distancing system for glass which enhances its solidity.

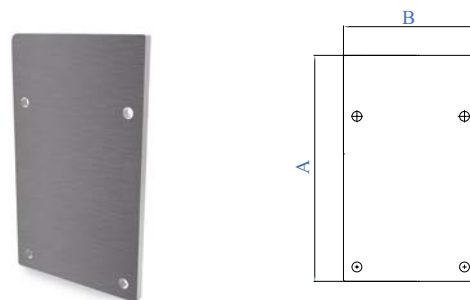
Profiles are provided with:

- closure tops
- spacers to insert at the end of each glass panel
- spacers for the base of each profile to allow the flow of water
- supporting bracket to apply wall profiles
- closure profiles

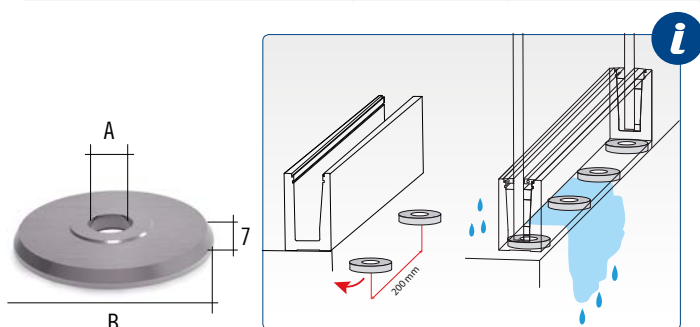




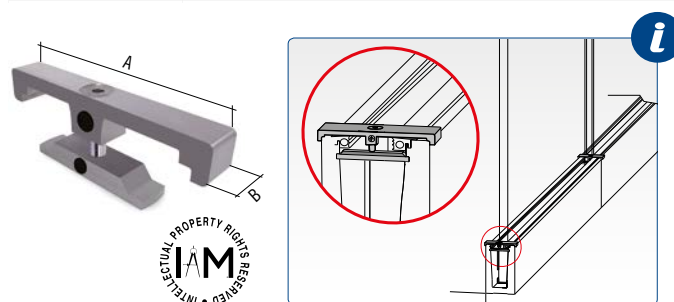
ALUMINIUM	A	B	C
E1800120	126mm	75mm	3000mm



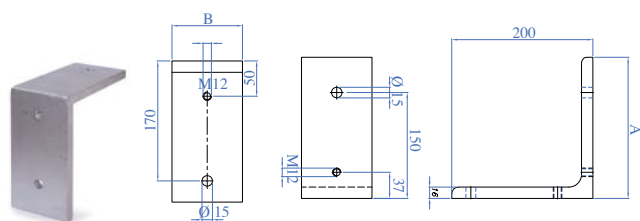
ALUMINIUM	A	B
E1800210	126mm	75mm



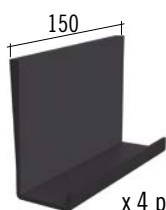
ALUMINIUM	A	B
E1800340	Ø 20mm	Ø 75mm



AISI316	A	B
E1800220	85mm"	15mm



GALVANIZED IRON	A	B
E1800400	200mm	100mm



x 4 pc.



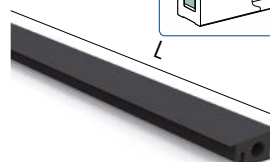
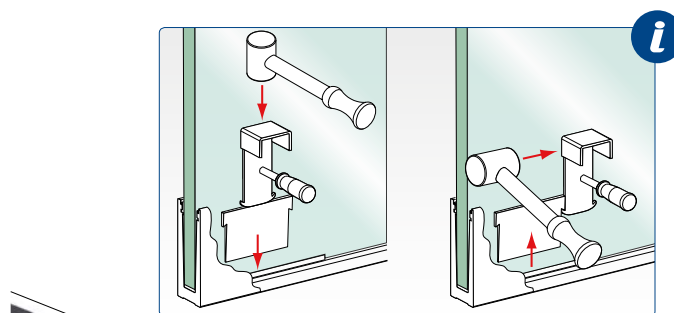
x 4 pc.

Fixing kit for 1 meter baluster

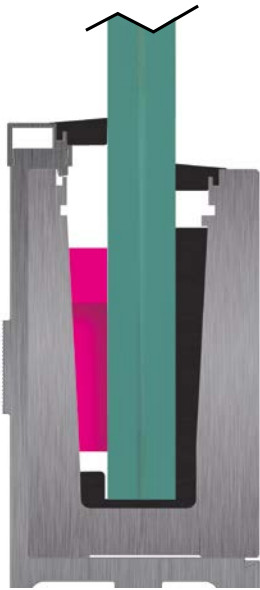
PLASTIC	GLASS THICKNESS
E1801600	20.76 - 21.52mm
E1802600	24.76 - 25.52mm
E1803600	31.52mm



DESCRIPTION	
E40588	Tool for insertion and removal of the wedges from the profile



RUBBER	GLASS THICKNESS	L
E1801620	20.76 - 21.52mm	3000mm
E1802620	24.76 - 25.52mm	3000mm
E1803620	31.52mm	3000mm

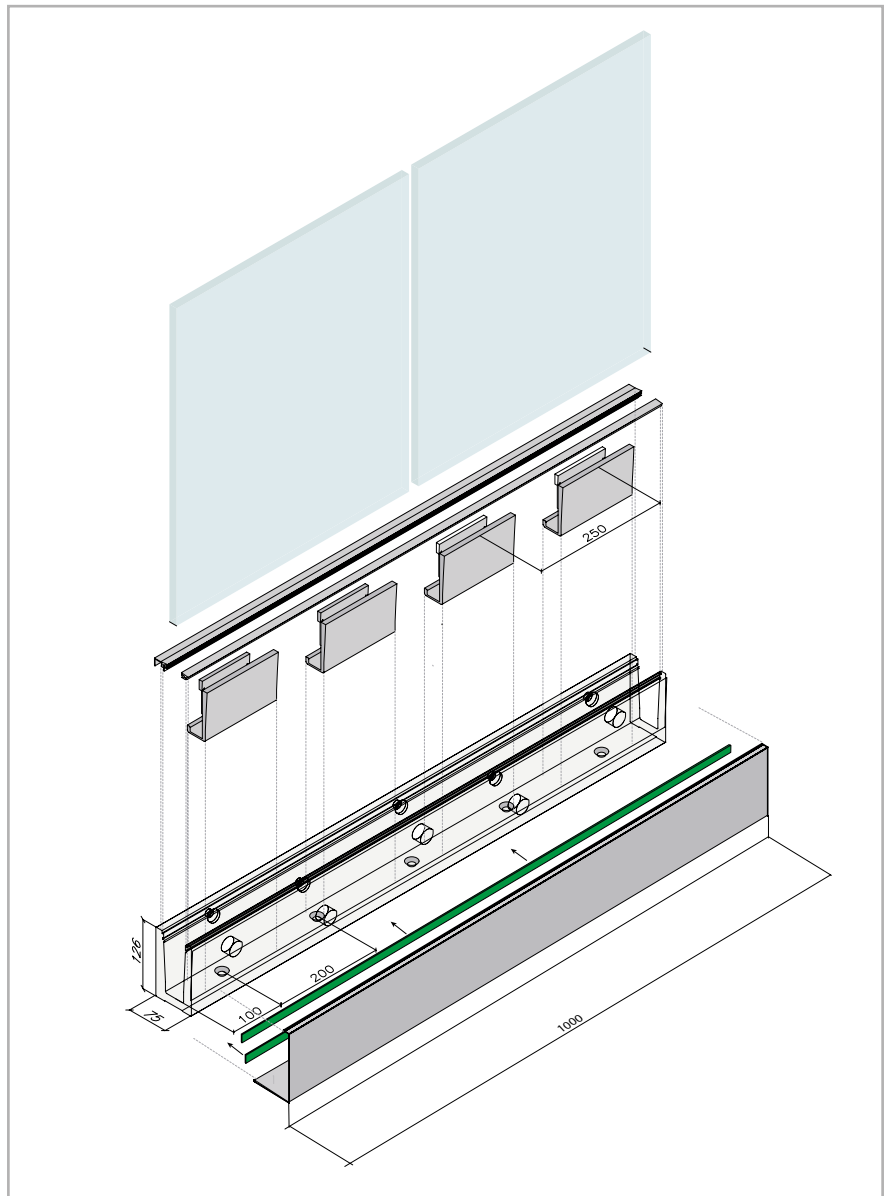


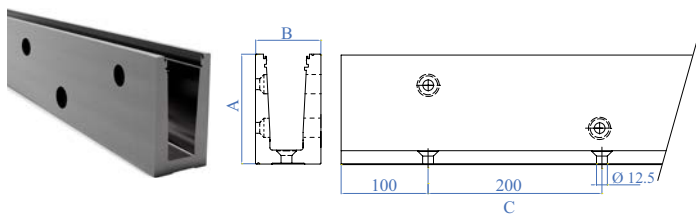
Caution: use glass only as indicated under current regulations. For more information contact your local Service Centre.

This system is designed for public spaces subject to high traffic such as museums, shopping centres theatres, and auditoriums. It withstands a 300kg/ml side-wind and meets most security regulations. Not only does it have the usual fastening system, but it is also characterised by a patented distancing system for glass which enhances its solidity.

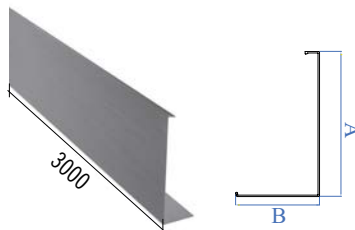
Profiles are provided with:

- closure tops
- spacers to insert at the end of each glass panel
- spacers for the base of each profile to allow the flow of water
- supporting bracket to apply wall profiles
- closure profiles

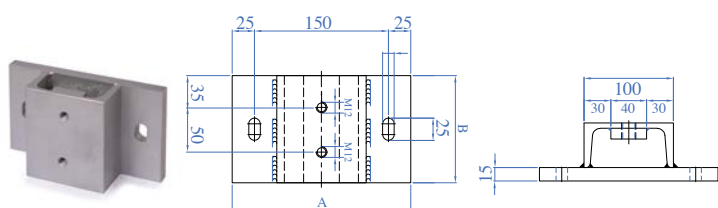




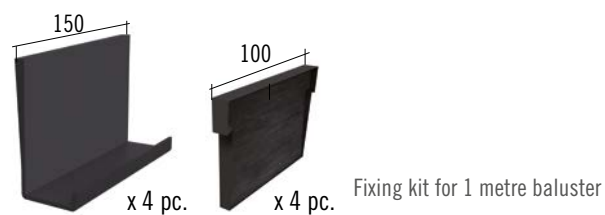
ALUMINIUM	A	B	C
E1800115	126mm	75mm	3000mm



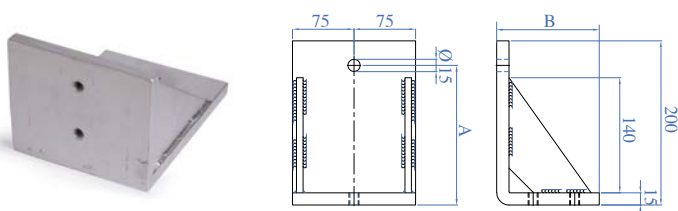
ALUMINIUM	A	B
E1800330	130mm	75mm



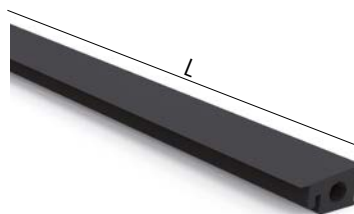
GALVANIZED IRON	A	B
E1800300	200mm	120mm



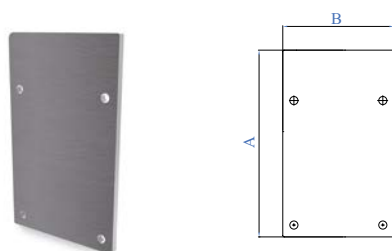
PLASTIC	GLASS THICKNESS
E1801600	20.76 - 21.52mm
E1802600	24.76 - 25.52mm
E1803600	31.52mm



GALVANIZED IRON	A	B
E1800500	170mm	125mm



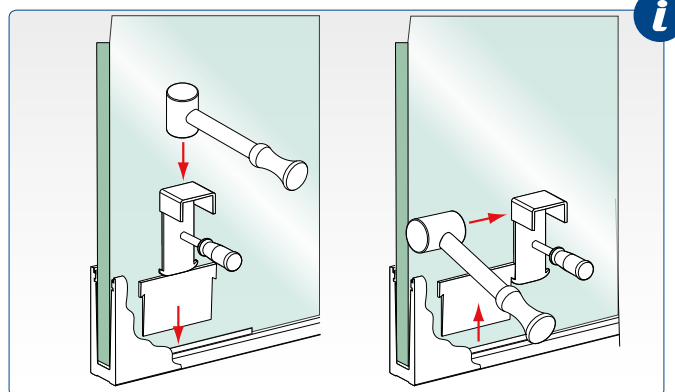
RUBBER	GLASS THICKNESS	L
E1801620	20.76 - 21.52mm	3000mm
E1802620	24.76 - 25.52mm	3000mm
E1803620	31.52mm	3000mm



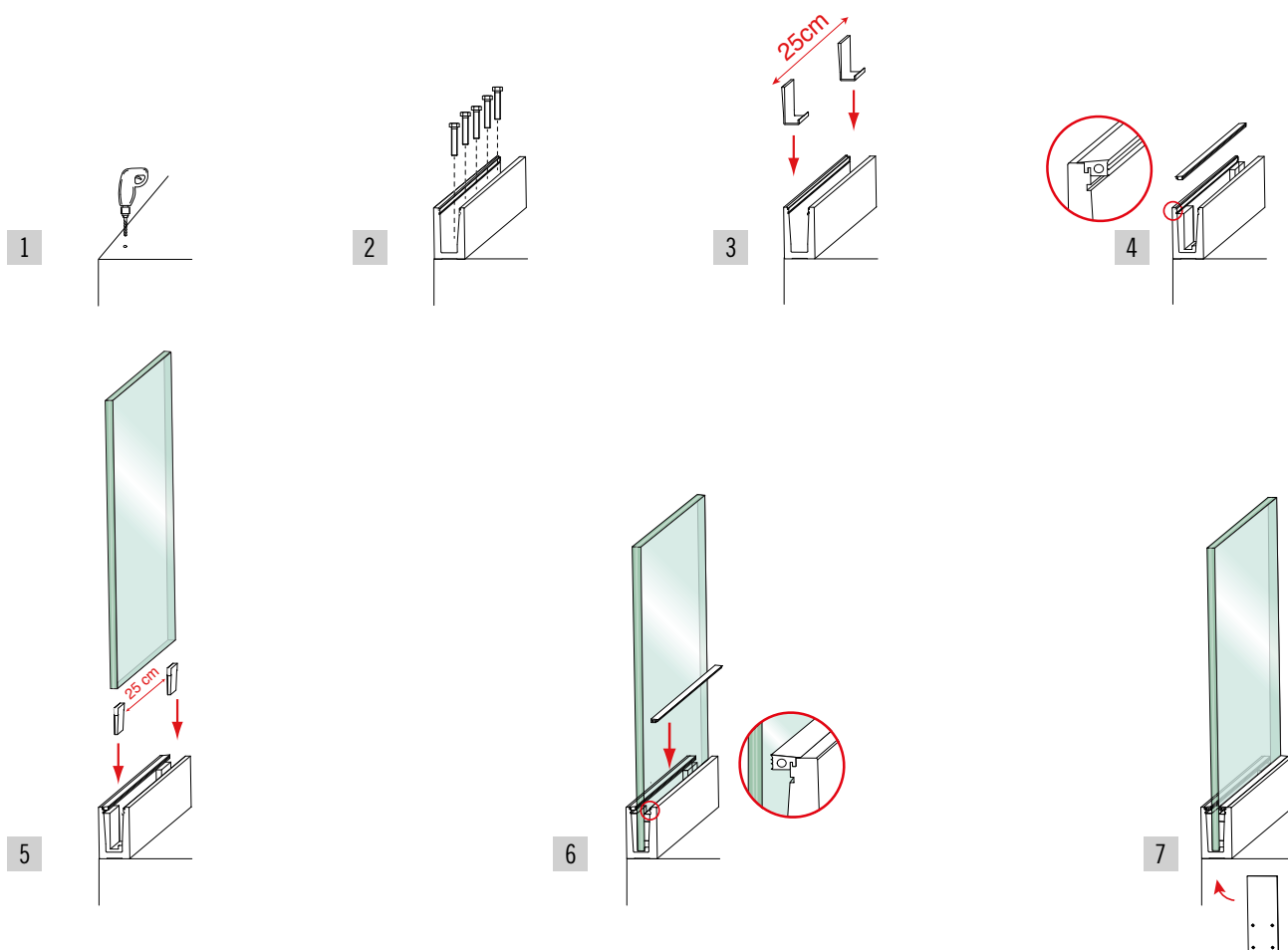
ALUMINIUM	A	B
E1800210	126mm	75mm



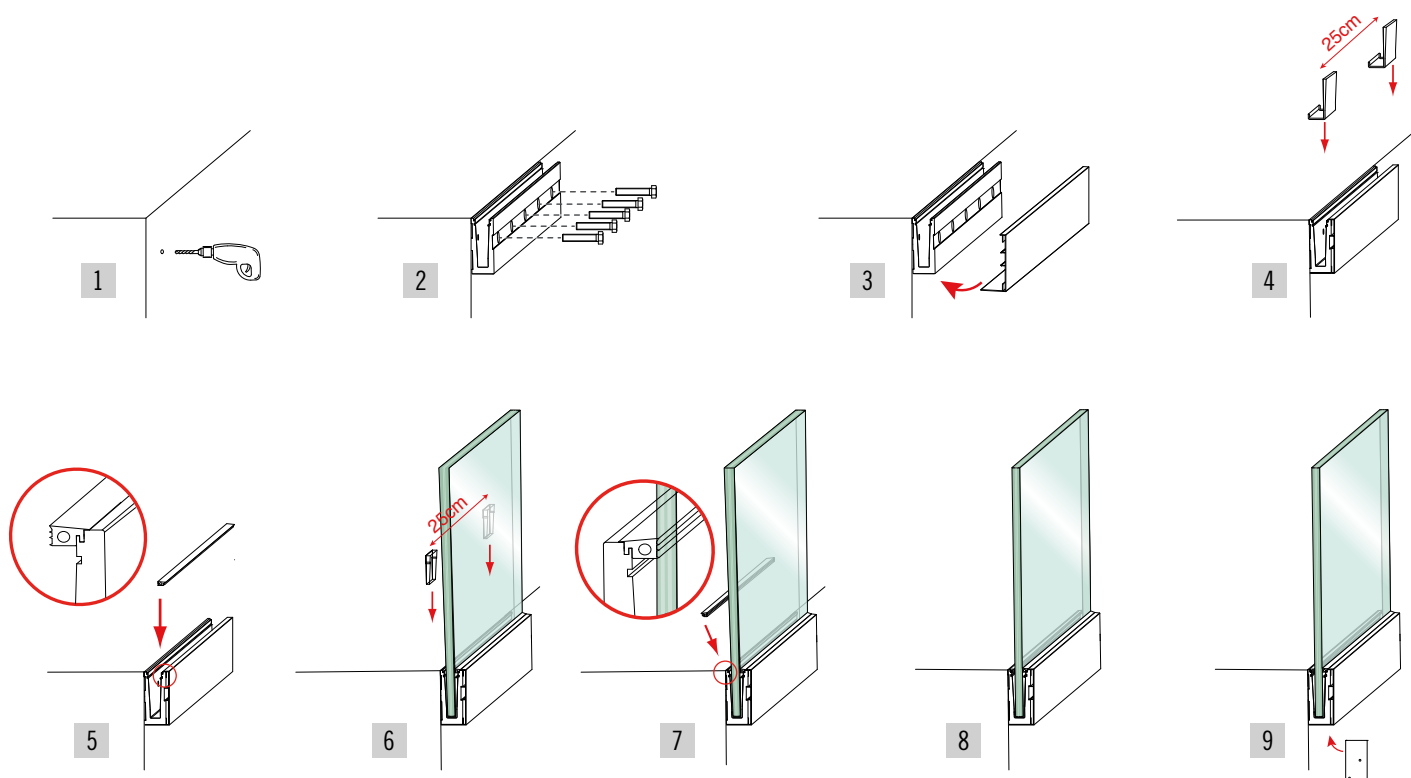
DESCRIPTION	
E40588	Tool for insertion and removal of the wedges from the profile

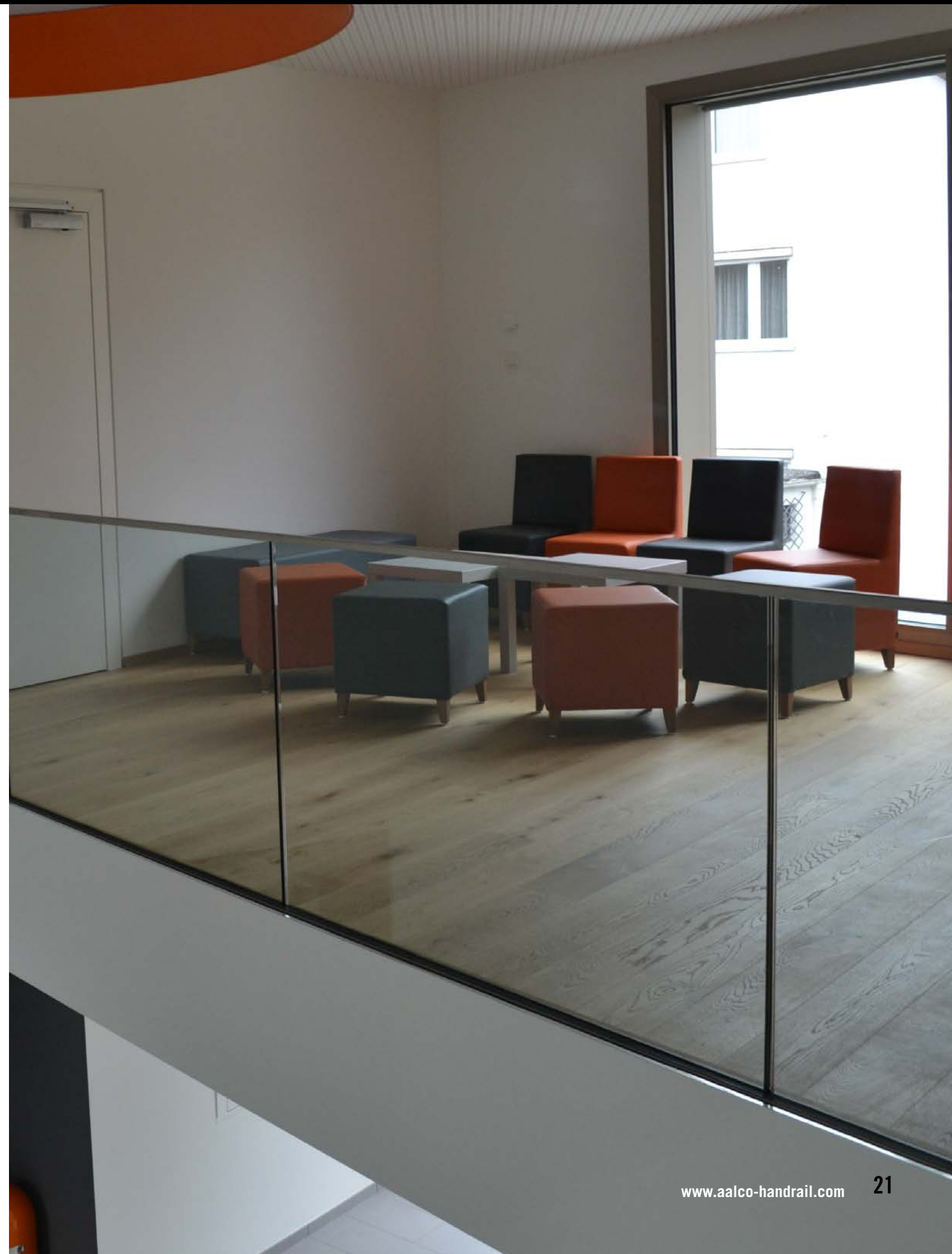


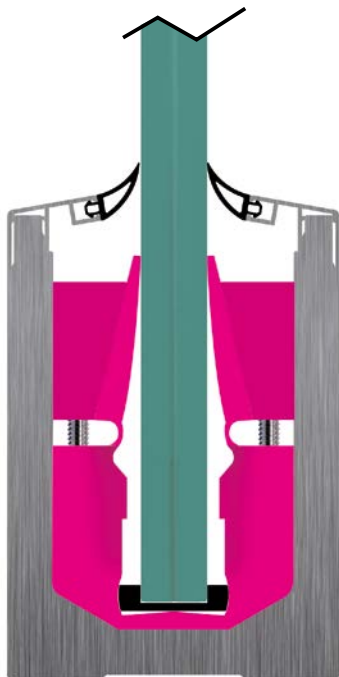
FLOOR ANCHORING INSTALLATION GLASS U 3000



WALL ANCHORING INSTALLATION GLASS U 3000







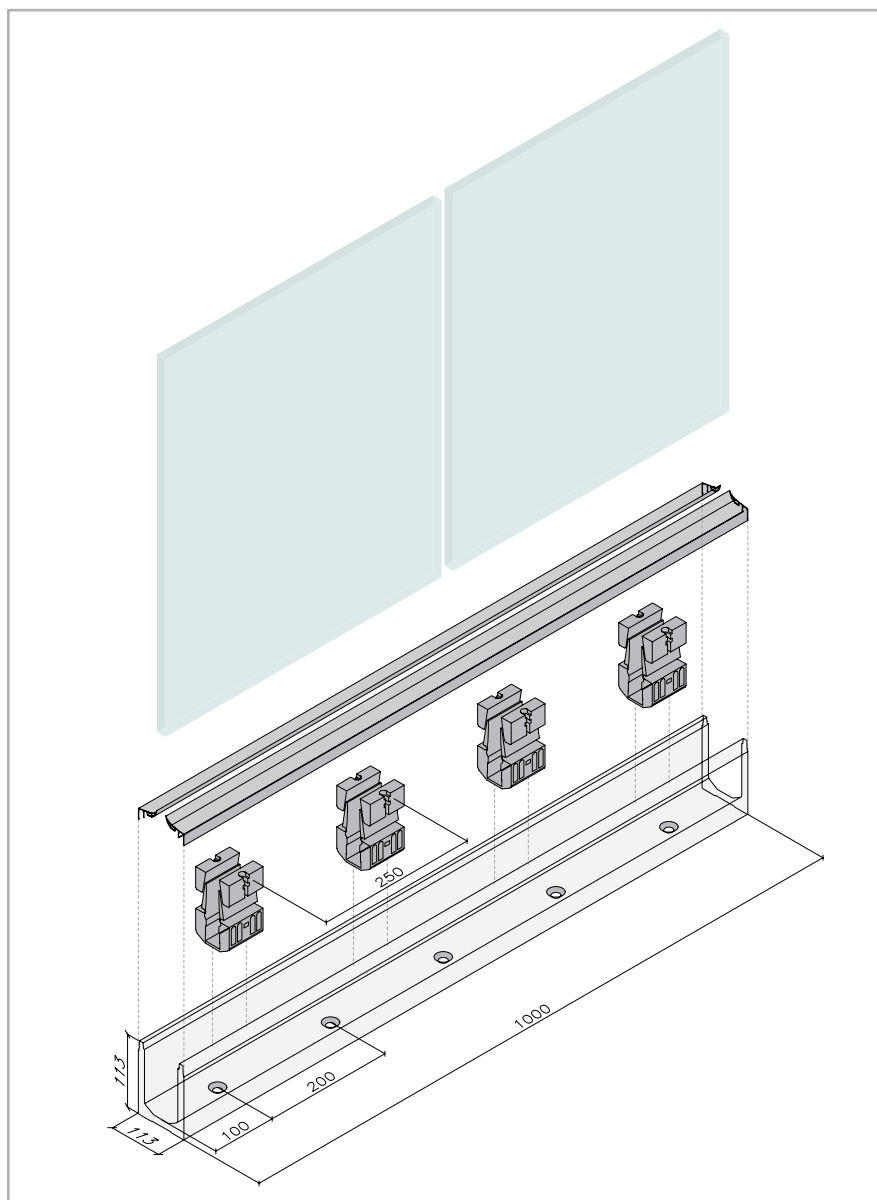
Caution: use glass only as indicated under current regulations. For more information contact your local Service Centre.

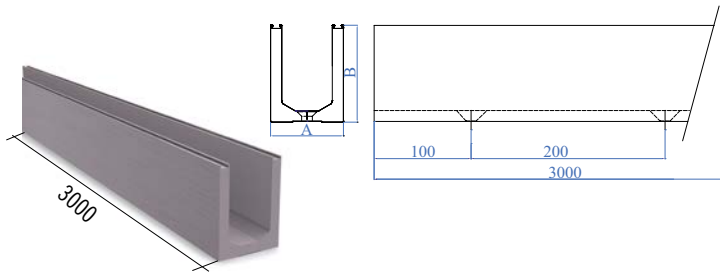
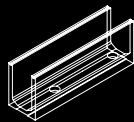
GLASS U "P" is the final design in our Glass U range and represents a revolution in glass fastening. Thanks to a patented fastening system, it is possible to regulate glass grades and achieve a fast installation. It is perfect for public buildings.



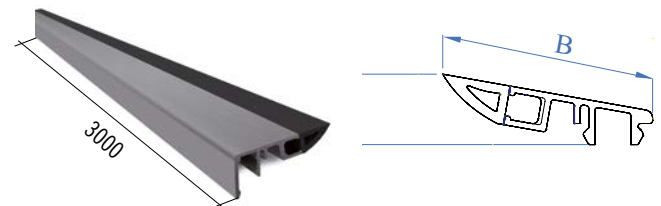
Profiles are provided with:

- aluminium and rubber seals
- lock off and glass grade kit

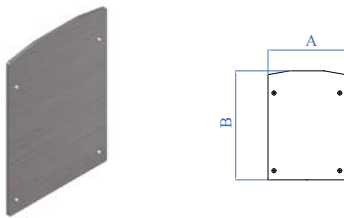




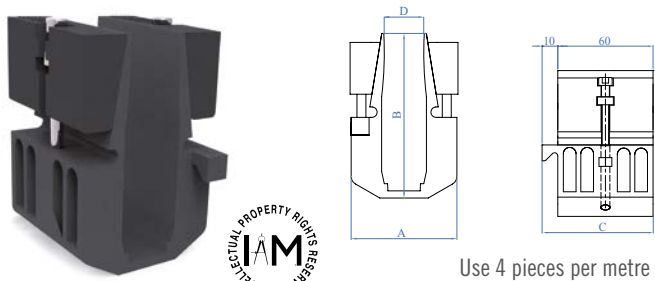
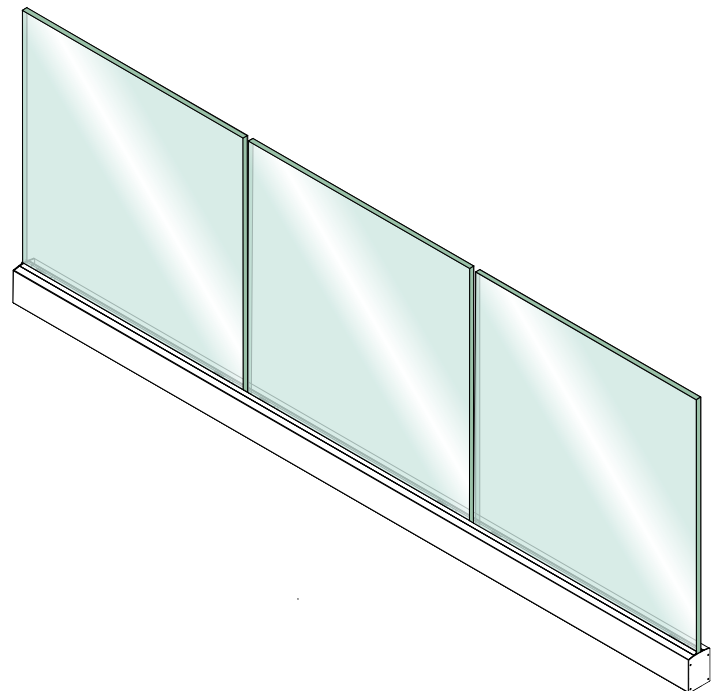
ALUMINIUM	A	B
E1800150	81mm	113mm



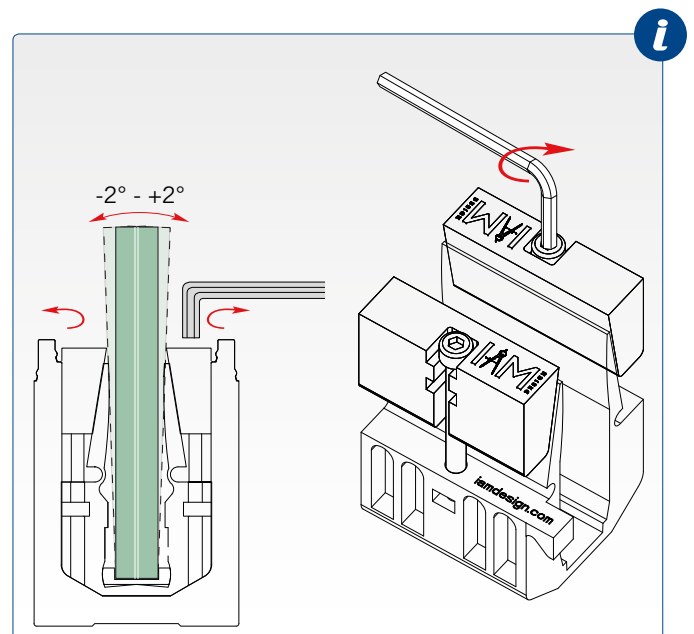
ALUMINIUM RUBBER	A	B
E1800630	29mm	32.5mm



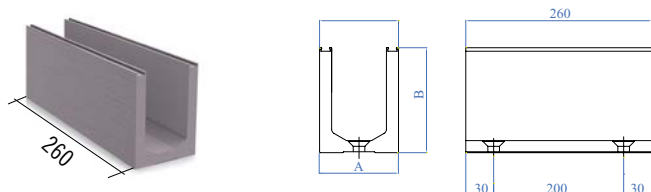
ALUMINIUM	A	B
E1800250	81mm	118mm



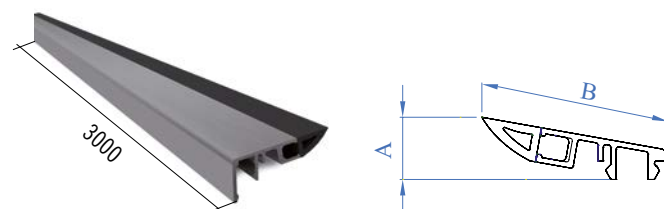
PLASTIC	A	B	C	D
E1999010	59mm	92mm	70mm	From 16.76 to 21.52mm



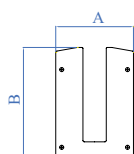
GLASS U P FLOOR ANCHORING



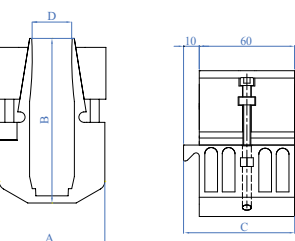
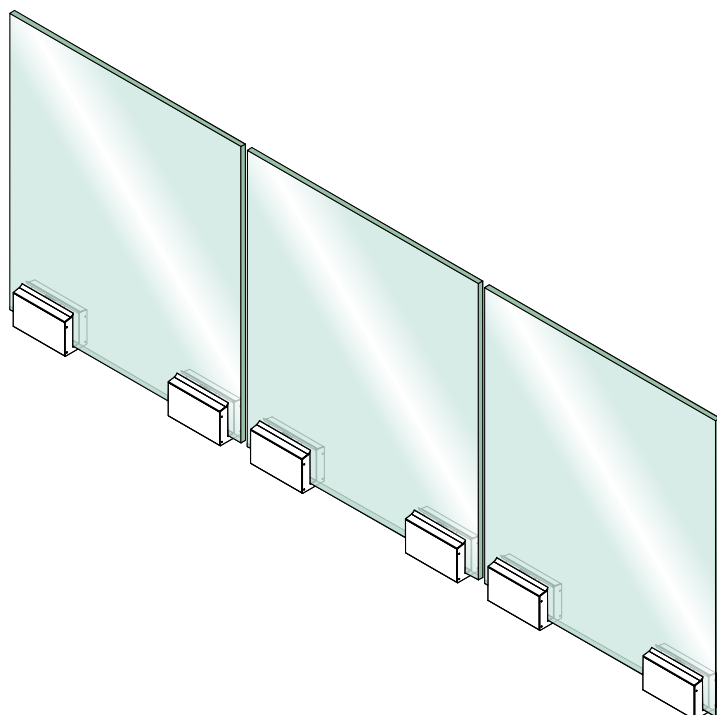
ALUMINIUM	A	B
E1800160	81mm	113mm



ALUMINIUM RUBBER	A	B
E1800630	29mm	32.5mm

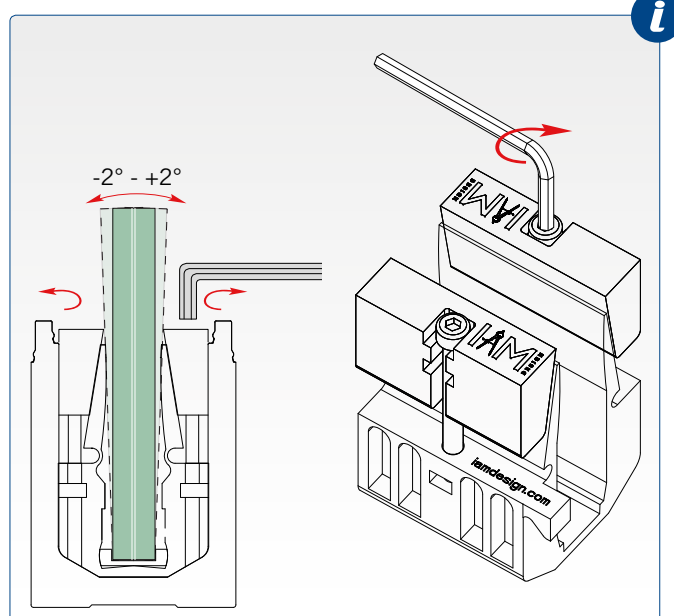


ALUMINIUM	A	B
E1800260	81mm	118mm

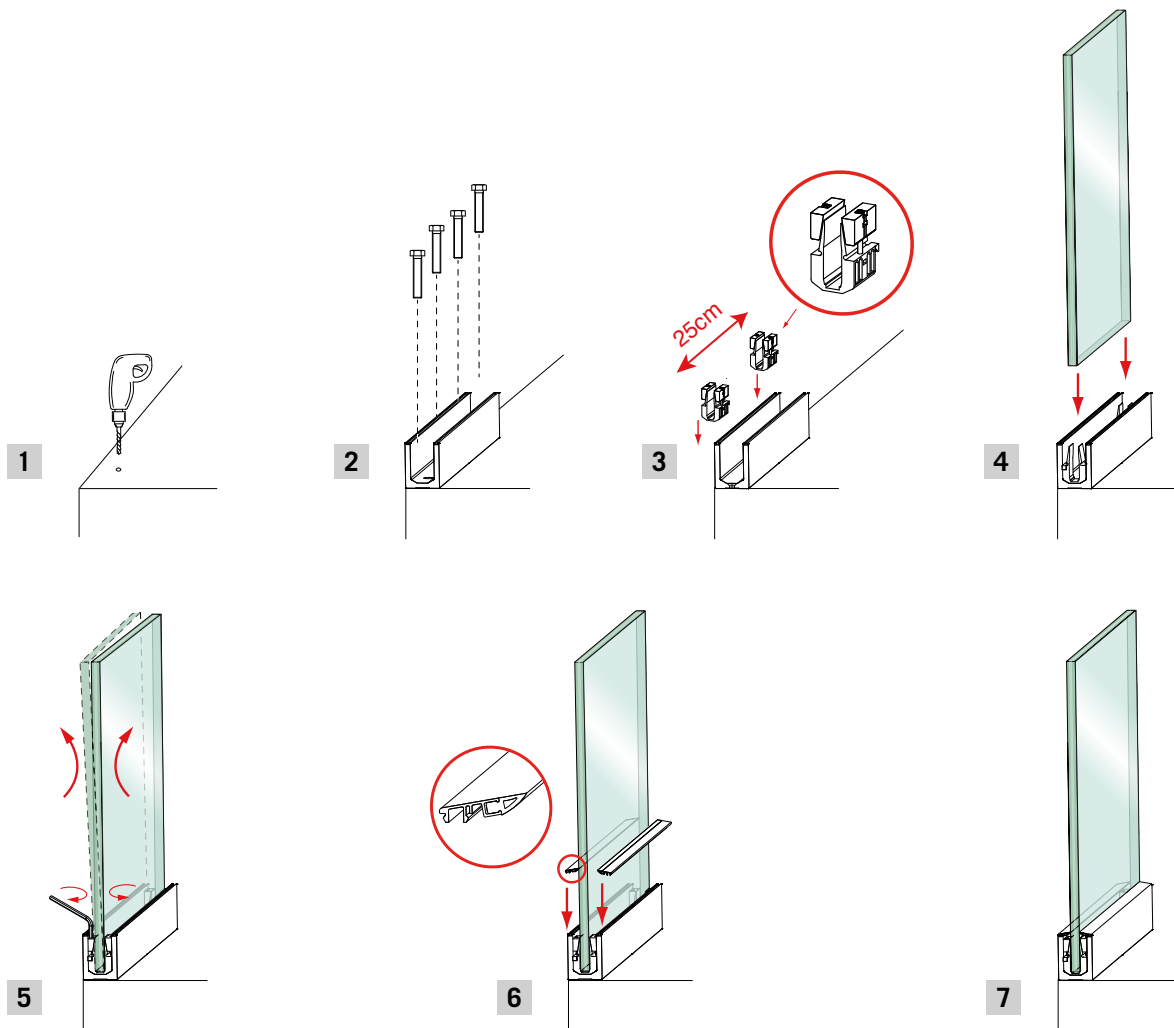


Use 2 pieces for each E1800160

PLASTIC	A	B	C	D
E1999010	59mm	92mm	70mm	From 16.76 to 21.52mm



FLOOR ANCHORING INSTALLATION



Aalco has 18 service centres around the country which offer a reliable and on-time delivery service anywhere in the UK. Each centre holds stock to meet the immediate needs of customers in the local area and this is backed up by bulk stocks held at a central warehouse.

To find out more, ask for a quotation or to get advice on any product selection, please contact your local Aalco service centre.

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Fax: 01224 871982
aberdeen@aalco.co.uk

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Fax: 0113 276 0382
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Fax: 01482 626263
hull@aalco.co.uk

SWANLEY

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