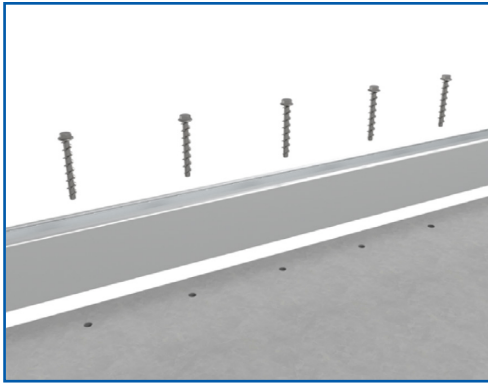


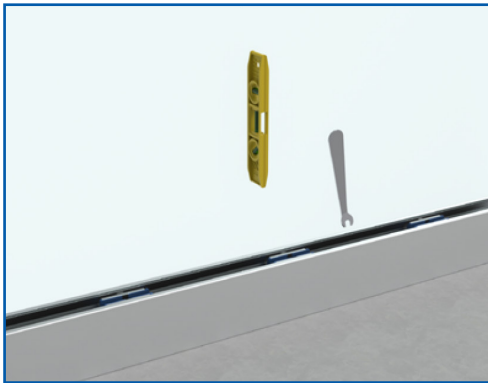
STEP 1 - FIT THE CHANNEL



The POSI-lite base channel should be placed onto its designated position and the holes marked onto the substrate for drilling. Once the shoe is lined up with the holes and is level, the fixings should be tightened up to make the channel rigid. The fixings must be tightened in accordance with the bolt manufacturer's instructions. M12 bolts/fixings must be used. The dowels should be used to align the channels and an inhibitor or clear sealant (Neutral Cure/low-modulus silicone) rubbed on the raw aluminium when the channels are butted together. This should be wiped clear on the channel surface.

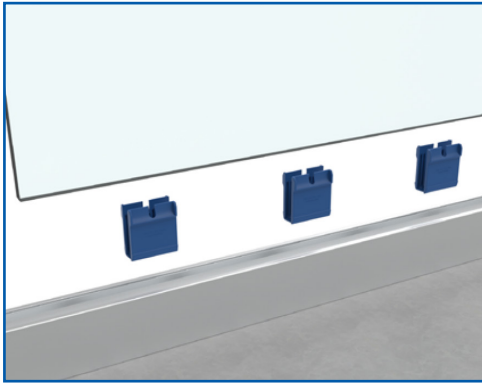
Ensure the channel is clean inside before fitting the glass. If cutting the channel make sure all metal filings (swarf) are removed.*

STEP 4 - ADJUST THE GLASS



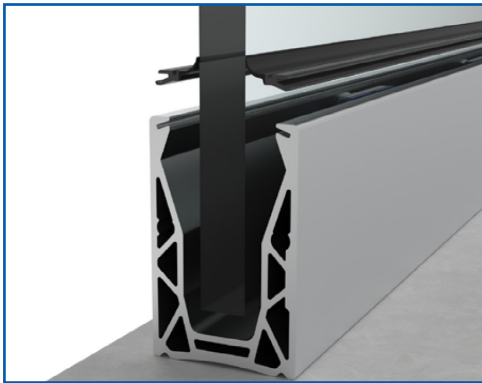
With the bolts loosely in place, the glass panel will be able to move a few millimetres in each direction. Align the panel as required by tightening the bolts using the angled spanner. Both sides need to be tightened to make sure the glass is fixed into place. Give the bolts an additional half turn from their tight position to ensure that the glass is securely held in place. A torque of 8Nm should be applied. An adhesive, such as Loctite, should be used on the threads once the glass is set.

STEP 2 - CLAMP THE GLASS



Make the clamps by slotting the left and right sides together. Attach the clamps evenly along the bottom edge of the glass, using the glass clamp placement chart at the end of the guide for reference. Squeeze the clamps tight around the glass and position the panel into the balustrade channel. You must ensure at least 2 clamps are used per glass panel. The glass can now be lowered into the channel.

STEP 5 - ADD THE GASKET



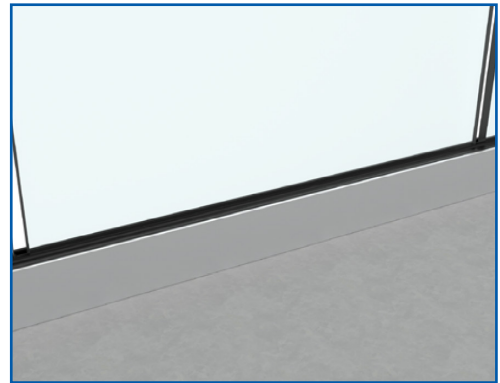
The gasket simply hooks and pushes into the recess at the top of the channel for a tidy finish. Use a soft mallet to push this in if required. If you're using an end-cap you can position this now. There are 2 versions of end caps. A Knock-in and flat plate. Both require adhering to the channel end. To keep water from submerging the glass we suggest drilling the thin end caps below the glass line with a min. 8mm hole or we can supply slotted versions. Other draining methods may need to be considered depending on the size of the balustrade and design.

STEP 3 - FIT THE BOLTS



Once the glass is in position, loosely screw the bolts into the clamp bars. The screw needs to go into the flat side, the curved side will fit into the clamp. Slide the aluminium bars curved side down into the recess at the top of each clamp, on both sides of the glass. Loosely screw the bolts into the bars.

STEP 6 - FINISH INSTALLATION



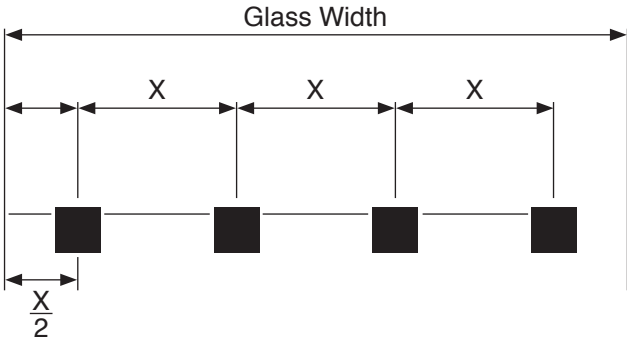
Once everything is correctly in place, the glass and channel will need to be cleaned. Using a non-abrasive glass cleaner for the glass and warm soapy water for the channel. We recommend using a soft cloth to avoid scratches. Refer to the operating and maintenance manual for further maintenance.

*When fitting to metalwork a barrier between different metal types must be used. Additional waterproofing may be required. We strongly advise measuring and ordering the glass after installation of the channel. Gaps between the glass should be no less than 5mm. In extreme temperature changes the profiles may expand and contract. Small gaps may need to be left between profiles.

GLASS CLAMP GUIDE

Glass Width mm	Total Number of Clamps
400 - 799	2
800 - 1149	3
1150 - 1499	4
1500 - 1849	5
1850 - 2199	6

Glass Width mm	Number of Clamps	Glass Edge to Centre of Clamp mm	Clamp Spacing mm
1000	3	166.50	333.0
1250	4	156.25	312.5
1300	4	162.50	325.0
1400	4	175.00	350.0
1500	5	150.00	300.0



Glass width divided by number of clamps = X

X divided by 2 = First centre of clamp position from the edge of the glass.

Whilst every effort has been made to ensure the accuracy of the information supplied. F.H. Brundle cannot be held responsible for any errors or omissions. This product must only be employed for its original intended use. Any other use is wrong and potentially dangerous. Installation must be carried out in full compliance with current regulations. F.H. Brundle cannot be held liable for any damages resulting from wrongful, erroneous or negligent use.