For video instructions on how to install your glass channel system, **please visit: www.swr-balustrade.co.uk/glasschannel**

Place aluminium channel against fixing area and use as a template to mark out the holes for drilling. Remove channel and drill holes.
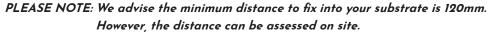
The size of the holes is determined by your fixing method. Please see the guide below for fixing into concrete or brick. For other surfaces, please contact our Sales Team.

PLEASE NOTE: If you are unsure on the quality of the structure you are fixing to, please seek the advice of a professional.

Concrete & Brick

We recommend ChemFix and studding for fixing to concrete or brick. You will need M12 threaded studding and M12 nuts and washers.

Drill your holes using a 14mm drill bit. This allows space for the ChemFix and m12 studding. Cut your studding into equal lengths. The length of each piece will depend on how far into the substrate you intend to fix.

PLEASE NOTE: We advise the minimum distance to fix into your substrate is 120mm. However, the distance can be assessed on site.

If fixing distance is 120mm, allow 15mm of studding to be exposed through the hole of your channel. This will provide you with enough exposed studding for a nut and washer.. **1)**

i.e. 120mm + 15mm = 135mm

Therefore, each piece of studding will need to be cut to 135mm.

After all holes are drilled with studding cut to the required lengths, slowly apply ChemFix into the holes.

PLEASE NOTE: ChemFix sets quickly. Once you have applied it to the first 9-12 holes, twist the studding into each hole. Remove any excess ChemFix before it sets. Repeat this procedure until all holes are filled and leave to set for 60 minutes. Remember to change the Applicator nozzle **2)**

Once ChemFix has set, place your channel back over the exposed studding and fix to the ground using washers and nuts. Position the glass clamps on the bottom of the glass when inserting into the channel.

Please see the recommended spacing of clamps for specified glass thicknesses below. All glass thicknesses have been tested under BSI6180 and documentation can be provided upon request. **3)**

19mm = 5 clamps per metre

15mm, 17.5mm & 21.5mm laminate = 4 clamps per metre

12mm = 3 clamps per metre

Once the glass panel is positioned in the channel with the clamps spaced correctly, you need to place in the clamp bars. Each clamp will require two clamping bars, one either side of the glass. Please ensure the screw faces the channel wall. **4)**

Next, tighten the clamp bars onto the glass by turning the bolt on the clamping bar anti-clockwise so that it begins to meet the channel wall. Ensure the glass is flush using a spirit level.

We recommend tightening the clamps at either end of your glass panel before clamping the intermediates. **5)**

Ensure that all glass is securely clamped within the channel, and you are satisfied with the positioning. Next, clip on the aluminium cover seal. Take your rubber gasket and feed into the aluminium strip using lubricant **6)**

PLEASE NOTE: Do not stretch the rubber gasket.

Clip the cover seal onto your channel by starting from one end and making your way down. Clip any end caps and side/bottom cladding on to finish.

1) 15mm 120mm

2)

3)

4)

5)

6)

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