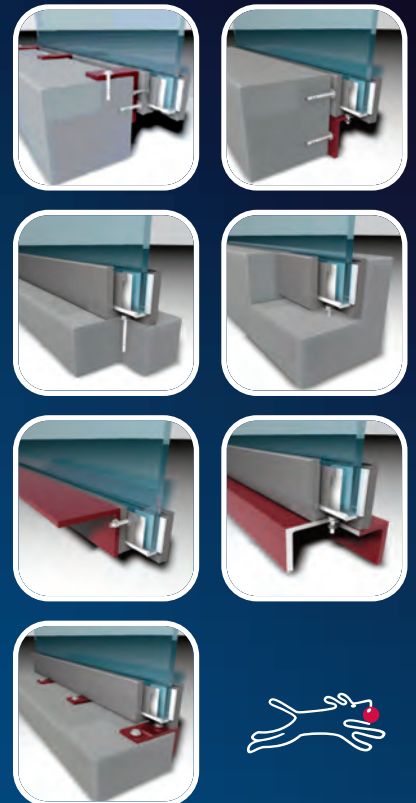


Free-Standing Structural Glass Balustrade Using Dry Wedge Fixing Method

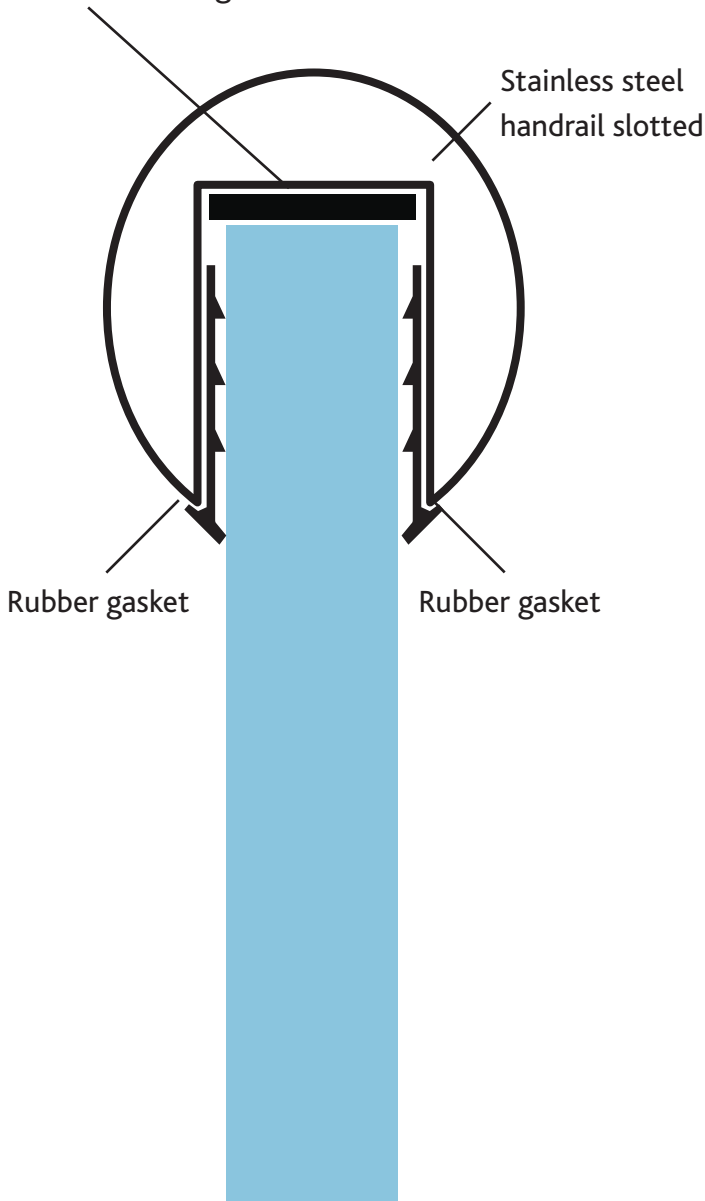


- Stainless steel 48.3mm slotted top rail, 304 and 316
- Aluminium U-channel base with stainless steel cladding pieces available on request
- Easy retention of the glass using isolator wedges
- Broken panes easily replaced
- Tested to BS 6180:1999 up to 3 kn/m. Fixing to steel/concrete
- Application: commercial and domestic, internal and external
- Suitable for 15, 18, 21 and 25mm glass



Guidance for Installation Glass.

Self adhesive backed rubber pads fitted to the s/s handrail @ 350mm centres with silicone or mirror adhesive in dots to the gaps between the pads, place the handrail on top of the glass and fit the side gaskets.

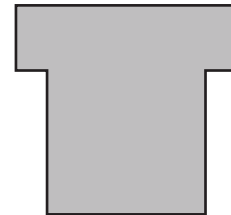


- Tested with 48.3mm stainless steel slotted tube
- Tested up to 3 kN/m barrier load with 25mm toughened heat soak glass to BS 6180:1999 (technical details available on request)
- Tested in various fixing positions/methods



Bottom isolator

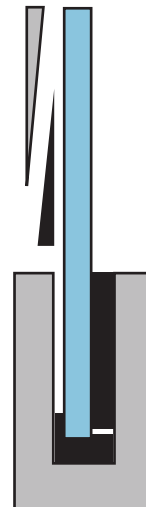
isolator



Aluminium wedge



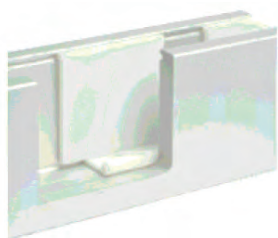
high impact isolator wedge



On completion of fitting the aluminium shoe place the bottom isolators into the shoe @ 250mm centres with the nib on the side the wedges are required, place the glass into the desired position and then place the side isolators in line above the bottom isolators, now slide the tapered isolators wedges (thin point up) in between the glass and alloy shoe in line above the bottom isolator nib, place the aluminium wedge between the isolator wedge and the alloy shoe with the wings protruding each side of the isolator wedge, when the required amount of wedges have been set up you can now hammer in the alloy wedges with a lump hammer and bolster. See fitting instructions for further details.



Fitting Instructions for ASD Structural Glass Balustrade System



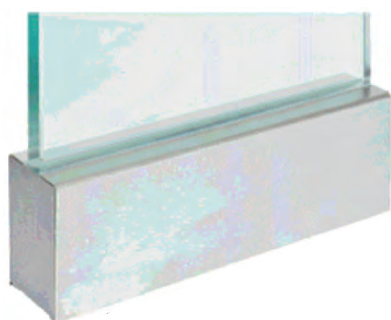
1) Insert bottom / side plastic isolator



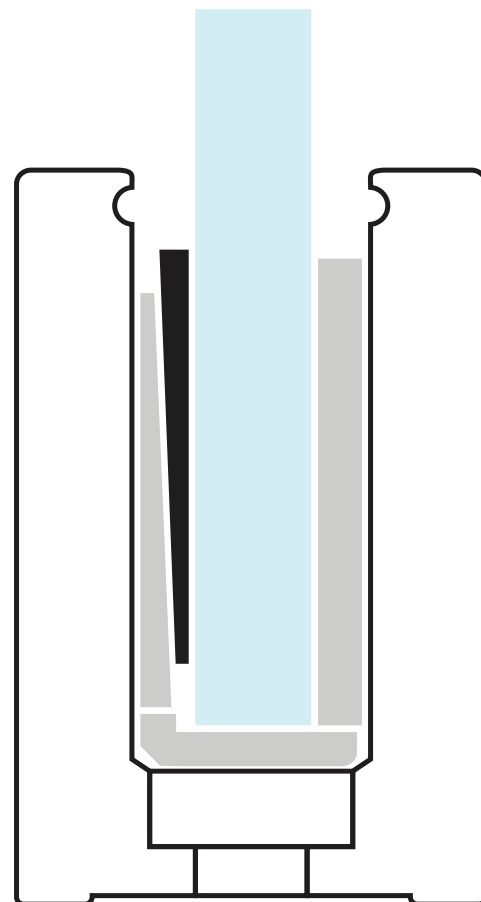
2) Insert glass and aluminium wedge - check alignment



3) Hammer in the aluminium wedges



4) Apply the cladding



On completion of fitting the aluminium shoe, place the bottom isolators into the shoe @ 250mm centres with the nib on the side the wedges are required. Place the glass into the desired position and then place the 1-10mm thick side isolators in line above the bottom isolator nib, place the aluminium wedges and the alloy shoe with the wings protruding each side of the isolator wedge, when the required amount of wedges have been set up you can now hammer in the alloy wedge with a lump hammer and bolster.

Fitting instructions - important information

When fitting the aluminium wedge it is essential that when pressed in firmly by hand it protrudes by approx 15 - 20mm above the top of the alloy shoe channel - Please check this prior to hammering in with the lump hammer and bolster as due to the manufacturing tolerances some materials may vary in size and thickness, however every effort is made to avoid these problems through our quality control procedures but we have found that the overall glass thickness can vary and this is out of the control of **ASD Architectural.**

Should the wedge protrude more than 20mm it will result in the failure of being able to knock the wedges in all the way.

Should the wedge drop in nearly all the way this will result in the glass panels being loose and unstable.

In the unlikely event that either should occur please contact:

ASD Architectural on:

0114 234 5287 / 88

