

Infinity Screen Installation Instructions

Before you start:

- Check you have all the parts of the order.
- Check the height of the glass.
- Check the height of the posts(s) (if applicable).
- Check both these heights against the required height on site making sure they are correct before assembling.
- Read and understand these instruction before starting installation.

Handrail Assembly:

- Prepare to assemble the handrail corner (if applicable).
- Slide the corner bracket into one of the handrails.
- Tighten the screws.
- Slide the mitre protection plate onto the exposed corner bracket.
- Slide the handrail onto the exposed corner bracket.
- Tighten the screws.

- Prepare to assemble the straight handrail joint (if applicable).
- Slide the bracket into one of the handrails.
- Tighten the screws.
- Slide the handrail onto the exposed bracket.
- Tighten the screws.

- Slide the appropriate number of provided M8 bolts into the Infinity Screen handrail profile (one for each hole in the glass).

- In this fashion assemble all the handrails together.
- Place the assembled handrail on the floor in position to ensure the dimensions and shape fit.
- Mark lines on the floor outlining the handrail for later positioning of the bottom track.

Primary Post installation (where required):

- Position the primary posts in the correct position.
- Use the appropriate fixings, fix the posts firmly to the structure making sure they are perfectly vertical.
- For BFFL installations finish the flooring, this should completely conceal the baseplate and fixings.
- Apply a thick bead of silicone sealant around the primary steel post in a spiral fashion.
- Slide the system cover post onto the primary post.
- For BFFL installations ensure the cover post is seated on the finished floor level.
- For AFFL installations ensure the cover post is seated on the primary post baseplate.

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Handrail Installation:

- Using a level mark the position required to fix the wall fixing bracket.
- Use the appropriate fixings, fix the wall bracket to the structure.
- Bring the handrail into position.
- Drop the handrail onto the wall fixing bracket.
- The post connector will fit inside the post cover. (if applicable)
- Drill 5.5mm holes through the brackets into the handrail.
- Fix the handrail to the wall bracket with the supplied 6.3 x 25mm self-tapping screws.
- Fix the post cover to the post connector with the supplied countersunk 4.2 x 13 self-tapping screws.
- Drill and screw a few screws to fix the post cover to the primary post.

Bottomrail Assembly:

- Prepare to assemble the bottom rail.
- Assemble the bottomrail connector.
- Slide the bottom rail connector into the bottom rail.
- Fix the bottomrail connector with the supplied 4.8 x 13mm screws.
- Slide on the bottom rail onto the exposed corner bracket.
- Fix the bottomrail connector with the supplied 4.8 x 13mm screws.
- In this fashion assemble all remaining bottom rails.

Bottomrail Installation:

- Position the bottom rail in 68mm from the outside marked line of the handrail.
- Drill into the structure through the bottom rail and fix to it.

Glass Installation:

- Check the rubber gaskets on the handrail are in position and well seated all along the profile(s).
- Place two 5mm glass packers per glass panel into the bottom rail.
- Use silicone to stick them to the bottom of the glass track.
- Position the M8 bolts correctly to line up with the holes in the glass panels.
- Place a washer onto each M8 bolt.
- Keeping the panel perpendicular install the glass onto the M8 bolts and seat in the bottom rail.
- Place a washer onto each M8 bolt.
- Use the short pieces of pusher plate and M8 nut to temporarily hold the glass to the handrail.
- Align all the glass panels to have the correct glass gap.
- Use glass packers to level the glass if required.
- Use the short pieces of glazing bead and 3mm wedge gasket to temporarily hold the glass in the bottomrail.

- When everything lines up apply a continuous silicone bead to fill the void between the glass and bottom rail.
- Remove the temporary pusher plate pieces and support the glasses manually.
- Offer the pusher plate with installed gaskets onto the M8 bolts and secure with the provided M8 nuts and tighten down.
- Thread on and tighten the nyloc M8 nut against the first M8 nut.
- Clip the cover profile onto the pusher plate to complete the Infinity screen handrail.

- Once the silicone has set remove the temporary glazing bead and gasket.
- Install the full-length glazing bead and gasket.
- N.B. Use soapy water to make it easier to push in the rubber gasket.
- In a similar fashion install all the Infinity screen sections.

5mm drainage spacers: (if requested)

- Drainage spacers may be supplied with your order if requested.
- When fixing the bottom rail to the finished floor level place the spacer around the fixing.
- Fix the bottomrail to the finished floor level.

The Infinity Screen system can be combined with the Aerofoil system. Please refer to the Aerofoil instruction manual for further details.