

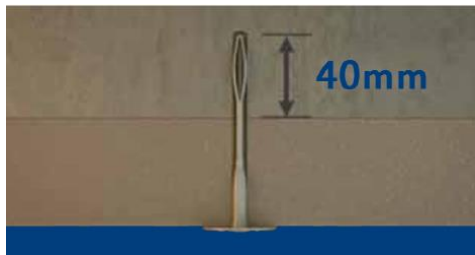
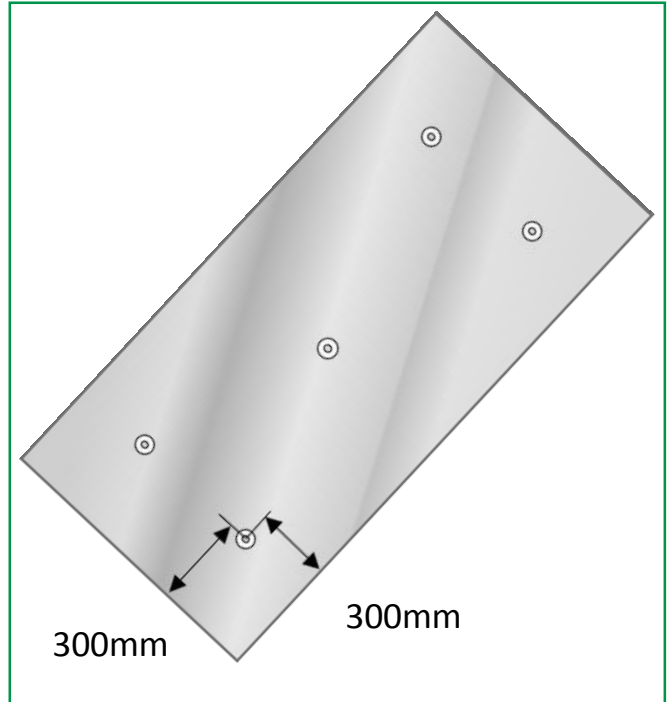
INSTALLATION GUIDE

Direct mechanical fix - Soffit

Foilstar[®] Phenolic insulated panels can be installed as a concrete soffit lining with mechanically fixing into a concrete ceiling.

Directly fix the Foilstar[®] panel to the concrete by the use of a minimum of five (5) approved insulation fasteners evenly distributed over the surface area of the panel – at a ratio of 0.6 fixings p/m².

Fixings are required to have a 38-40mm umbrella diameter to distribute the load.



It is recommended that fasteners have a minimum of 40mm penetration into the concrete. They should be offset from both the lateral and intermediate edge of the panel by 300mm. For cut or sectional panel, ensure an evenly distributed support of the panel.

Foilstar[®] is cut to size using a knife and straight edge. Proper cutting is achieved by cutting through the Foil and one half of the panels thickness on the first pass. Slightly opening the cut and then make a second pass, cutting through the remainder of the panel and the second layer foil.

The Foilstar[®] panels should be butt joined and require taping at all joints and leading edges. These edges and joints are to be taped with Foilstar[®] hi-temp pure aluminium joining tape.

Please note that this is a general guide only. Where panels may be subject to high wind loads or extraneous forces, additional fasteners may be required.