

## METHOD STATEMENT

### SMOOTH -FACE FIXED (RIVETS INTO 2:3MM ALUMINIUM)

1. Petrarch panels should be drilled with one fixed point nearest the centre of the panel (4.9mm) and the remainder as sliding points (9.5mm) starting from the middle of the panel outwards.
2. Panels should be fixed in accordance with the structural engineering calculations or necessary local building regulation. However these should **not exceed 600mm for Fascia or 400mm for Soffit** centre's vertically and horizontally for both single and double span panels.
3. Holes should be positioned a minimum of 25mm & maximum of 50mm in from the side edge of the panel and 50-80mm in from the top/bottom edge of the panel for both 7mm & 10mm Petrarch panels.
4. The centre point of the fixing in the sub-construction (Aluminium framing) must coincide with the centre point of the drill hole in the Petrarch panel with use of a **centering tool**. Starting from the fixed point (4.9mm) of the Petrarch panel outwards
5. Holes in the sub-construction (Aluminium framing) should all be fixed points (4.9mm) carried out using a **centering tool**.
6. Rivets for **7mm Petrarch** should be large flange Aluminium/Stainless **4.8mm x 18mm** (grip range 6.0:12.5mm) with **16mm dia head** powder coated to a specific panel colour.
7. Rivets for **10mm Petrarch** should be large flange Aluminium/Stainless **4.8mm x 25mm** (grip range 11.0:19.5mm) with **16mm dia head** powder coated to a specific panel colour.
8. **Rivets should always be installed using a Centering Tool and a Special Mouth Piece** G3 Thread M10 x 1 16mm head allowing a 0.3mm clearance for stress free mounting of the Rivets. Thus enabling thermal expansion movement of the panel without shearing the rivet or deformation of the panel.
9. The recommended distance between panels is 10mm.