



Puracore 50mm thick modular panels are designed to be a progressive build system, providing quick assembly and tight joint lines achieving a fully flush finish.

### Panel Face Skins

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|--|---|
| <b>UPVC Laminate</b>                     | 0.5mm galvanised mild steel with a 120µ slightly textured PVC facing. Suitable for operating temperatures up to 60°C and achieves Class 1 Spread of Flame. Withstands most clean down chemicals.                      |
| <b>White Polyester Painted</b>           | 0.5mm galvanised mild steel with a base coat and 20µ white polyester painted topcoat. Suitable for operating temperatures up to 120°C when used with the 2 pack adhesive system and achieves Class O Spread of Flame. |
| <b>P.E.T</b>                             | 0.5mm galvanised mild steel with 55µ colamine giving high protection from chemicals and cleaning. Class O Spread of Flame.  |
| <b>Prepainted Aluminium</b>              | 0.8mm aluminium grade 1050 painted with 20µ polyester topcoat. Suitable for operating temperatures up to 120°C when used with the 2 pack adhesive system and achieves Class O Spread of Flame.                        |
| <b>Stainless Steel</b>                   | 0.7mm 304 or 316 dp1 brushed finish or 2b mill finished. Suitable for operating temperatures up to 120°C when used with the 2 pack adhesive system and achieves Class O Spread of Flame.                              |
| <b>Standard Backer (hidden surfaces)</b> | 0.5mm galvanised mild steel with polyester wash coat (colours may vary). Suitable for operating temperatures up to 120°C when used with the 2 pack adhesive system and achieves Class O Spread of Flame.              |

### Frame Section

- 49mm extruded 6063 aluminium alloy 2mm thick box section frame to 2, 3 or 4 sides of panel
- Rebated jointing face to take the steel skins and provide a flush tight joint
- Joint face includes 2 capillary tracks and joint groove for a 3mm x 19mm/25mm tongue section
- Frame is mitred to form 3 and 4 side panels using aluminium angle cleats located in pre-extruded locators inside the extruded box section

### Panel Core

49mm thick Polyisocyanurate, 35 kg/m<sup>3</sup> Class B2 Fire Resistance

### Standard Manufacturing Sizes for Wall Panels

Standard modules of 1200mm wide, maximum lengths dependent on facing:

- White Food Safe Laminate, White Polyester Painted and Standard Backer up to 6000mm
- Prepainted Aluminium up to 3000mm
- Stainless Steel up to 2500mm

Larger lengths may be available based on panel usage and material availability, please contact us for details.