

# Aluglaze Technical Specification Sheet

## Panel build up:

Panels are manufactured from a XPS (extruded polystyrene) core faced each side with 1.5mm / 2.0mm polyester powder coated aluminium. Panels are vacuum bonded using a two-part polyurethane adhesive. Panel are generally supplied cut to size to customers own schedule.

**Weight:** 9.4 kg/m<sup>2</sup> for 28mm thick panels with 1.5mm faces  
12.0 kg/m<sup>2</sup> for 28mm thick panels with 2.0mm faces

**Panel Tolerances:** Length / width: +/-2mm. Thickness: +/-0.75mm

**U-Value:** 1.02 w/m<sup>2</sup>k for 28mm panels with 1.5mm faces  
1.5 w/m<sup>2</sup>k for 28mm panels with 2.0mm faces

**Fire:** Reaction to fire (EN 13501-1) for the XPS core: Euroclass E.

**XPS Core:** The XPS core has the following performance data:  
Thermal conductivity: 0.031 - 0.033 w/mK  
Compressive strength: 300 kpa

## Note:

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