

Alupanel GP is an insulated aluminium panel with a grooved face for glazing infill applications.

Alupanel GP is available with either horizontal or vertical grooves to create an aesthetically pleasing effect.

## Properties

- ✓ Excellent thermal performance achieving U values as low as 0.79 W/m<sup>2</sup>k
- ✓ Bespoke options available
- ✓ Can be cut with standard metalworking tools
- ✓ Available in white as standard



## Technical information:

### Facings

The external panel face consists of 2mm white polyester powder coated aluminium with cnc milled grooves. Grooves are 9.5mm wide x 0.4mm deep and set 100mm apart either in a horizontal or vertical direction. The internal panel face consists of 2mm white polyester powder coated aluminium without grooves. The internal face can be grooved on request.

### Core Material

Alupanel GP has a Styrofoam extruded polystyrene core which has unrivalled mechanical strength and a low thermal conductivity of 0.033 W/m<sup>2</sup>k. Styrofoam has a closed cell structure, and therefore will not absorb any moisture. The Styrofoam element is vacuum bonded to the aluminium faces using a two-part polyurethane adhesive.

### Panel Sizes & Thickness

Our standard sizes panels are as follows, and are available either 24 or 28mm thick.

2000 x 1000mm  
2500 x 1250mm  
3000 x 1250mm

### Bespoke options

Alupanel GP panels can be produced in any standard Ral colour, with bespoke groove sizes, and to any overall panel size or thickness. Please contact us with your requirements.

## Applications

- ✓ Door infill panels
- ✓ Commercial buildings
- ✓ Conservatories
- ✓ Porches
- ✓ Domestic glazing