

Alupanel GP is an insulated aluminium panel with a grooved face for glazing / door infill applications, and is available with either horizontal or vertical grooves to create an aesthetically pleasing effect.

Properties

- ✓ Excellent thermal performance achieving U values as low as 0.98 W/m²k (for panels 28mm thick)
- ✓ Bespoke options available
- ✓ Can be cut with standard metalworking tools
- ✓ Available in white as standard



Technical information:

Facings

The panel faces consist of 2.0/3.0mm polyester powder coated aluminium, with CNC milled grooves on the external face. The internal face can also be grooved on request. Grooves are generally 9.5mm wide x 0.4mm deep and set 100mm apart either in a horizontal or vertical direction.

Core Material

Alupanel GP has a Ravatherm extruded polystyrene core which has unrivalled mechanical strength and a low thermal conductivity of 0.031 W/m²k. Ravatherm has a closed cell structure, and therefore will not absorb any moisture. The Ravatherm 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:

- 3000 x 1250mm
- 3000 x 1500mm

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