

PANEL COMPOSITION

The inner and outer skins are manufactured from vacuum formed 1.5mm thick PVC sheet called Paldoor. The Paldoor skins are UV stabilised and are self-extinguishing once the flame has been removed. (Class 1 Surface Spread of Flame BS476 Part 7).

The skins have a high impact and chemical resistance and have a service temperature of 0° Celsius to 50° Celsius.

With the exception of the 25mm core, a panel is made up of a composite sandwich consisting of Moisture Resistant (MR) Medium Density Fibreboard (MDF) reinforcing between polystyrene.

24mm Panel	4mm MDF
28mm Panel	6mm MDF
28mm Panel	Also available 25mm core (surcharge applicable)

GLAZING

All glass units in critical locations will consist of toughened glass. 20mm sealed units are used in 24mm panels, and 24mm sealed units are used in 28mm panels.

The glass unit is retained between the two skins of the panel and is sealed by means of Prolink 1500r silicon glazing tape on woodgrain skins, and by Polyolefin (PE) foam glazing tape on white skins. This is then finished with a silicon bead.

3 METRE 1500 FLAT PANELS

These panels consist of the same 1.5mm thick PVC Paldoor sheet. Between which is a composite sandwich of Medium Density Fibreboard (MDF) reinforcing between two layers of polystyrene, as per the diagram.

SKIN COLOUR OPTIONS

Skin colour options available in a vast array of colours. We also offer embossed grained panels in red, blue, chartwell green, dark green, grey, white and cream.

