

polytec THERMOLAMINATED doors & panels

Product Description

polytec's **Thermolaminated** doors & panels range are made from profiled MR MDF in 18mm or 21mm, available in fully customisable made-to-order options only. The product is wrapped on the face and edges with vinyl, adhered with polytec-crafted adhesive and bonding agents, making this a superior product in the market.

Features and Benefits

- Easy to clean, moisture and stain resistant
- Fully custom-made doors and panels
- Highly durable
- Australian-made
- Selected matching Melamine and HPL options
- Low VOC's
- Cut and Rout options available for professional paint application
- Supporting accessories available such as capping, recessed rails, heat deflectors, return panels, foil, roller shutters, and flutes

Product Properties

PROPERTY	TEST METHOD	PASS
Flatness	ATLA.2009.5.2	Convex: 3.0mm/m (0.40mm gauge) Concave: 3.0mm/m
Resistance to Heat	ATLA.2009.6	<1mm at 70°C for gloss and others at 75°C
Light Fastness	DIN 53387-2-F, ISO 4892-2, ISO 105 B 02	>6 (blue wool scale)
Resistance to Staining	DIN 68861-1	At least Class 1B

Chemical Composition

CHEMICAL ENTITY	CAS No	PROPORTION
Plantation Soft Wood	None	>70%
Melamine Urea Formaldehyde (MUF) Resin	25036-13-9	<20%
Decorative Paper	None	<1%
Paraffin Wax	8002-74-2	<1%
Polyvinyl Chloride	9002-86-2	<7%
Polyurethane Emulsions	None	<1%
Titanium Dioxide	13463-67-7	<1%

Fire Tests

Classified as Group 3 in accordance with specification C1.10 section 4 of BCA.

Storage and Maintenance

polytec's Thermolaminated doors & panels should be treated with special care, avoid leaning large doors and panels against walls or other surfaces, this will cause bowing of the product and may void any warranty obligations held by **polytec**. **polytec Thermolaminated** products should always be protected against direct sunlight as continuous exposure may cause discolouration or fading over time.

When stacking be sure to place on a flat surface, face to face, this will keep the product in its optimal condition, also be sure not to drag the products across each other as this will cause scratches and damage the surface.

Certification

polytec is committed to an eco-friendly and sustainable environment. It is an intrinsic part of the way we do business daily. Our decisions are made so that they have minimum negative impact on the environment. Our product is manufactured from managed and renewable plantation pine and is Australian Forestry Standard chain of custody certified. All **polytec Venette** products are manufactured from CUSTOMwood MR MDF E-Zero. We subscribe to local government environmental initiatives and voluntary audits as well as our own internal Energy and Carbon Management Policy (ECM), which aligns with the Australian Government's Energy Efficiency Opportunities (EEO) program.

Contact

For further information on this product contact:

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