

polytec EvaBoard panels

polytec's EvaBoard is a commodity range of high performance MDF in a limited selection of colours and surface finishes.

Application

Polytec's EvaBoard is designed for interior and covered exterior use, such as kitchens, bathrooms, laundries, wardrobes, covered alfresco areas, domestic and commercial furniture. EvaBoard is resilient to areas exposed to low to medium humidity levels and where accidental wetting may occur.

The hardened resins in the decorative melamine outer layer resists chipping, scratching and dents and the melamine surface wipes clean with warm soapy water and a non abrasive cloth.

This product has been designed with the consumer in mind and is a perfect solution for all joinery applications where a High Performance weather resilient board is required.



Product Properties

TYPICAL PROPERTY	UNIT	EvaBoard HP MR MDF	MR MDF
Density	Kg/m ³	720	715
Modulus of Rupture (MOR)	MPa	40	40
Modulus of Elasticity (MOE)	MPa	3000	3000
Internal Bond Strength	kPa	1100	900
Moisture Content (ex-factory)	%	8	7
Thickness Swell (24 hours)	%	4	4.5
V70	MPa	14	6

Moisture Swelling Test

PRODUCT	24 HOUR SWELL AT 20°C
EvaBoard HP MDF Raw	4.67%
MR MDF Raw	6.58%

Chemical Composition

CHEMICAL ENTITY	CAS No	PROPORTION
Plantation Soft Wood	None	>80%
Melamine Urea Formaldehyde (MUF) Resin	25036-13-9	<20%
Decorative Paper	None	<2%
Paraffin Wax		<1%

Fire Tests

EARLY FIRE HAZARD INDICES TO AS 1530.3	RATING
Ignitability Index:	12-14
Spread of flame index:	5 – 7
Heat evolved index	4 – 6
Smoke developed index:	3 – 5

Storage and Maintenance

Polytec's **EvaBoard** should be treated with special care, avoid leaning sheets against walls or other surfaces, this will cause bowing of the product and may void any warranty obligations held by **polytec**.

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 sheets across each other as this will cause the sheets to scratch 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 EvaBoard** board products are manufactured on E1 CUSTOMwood MDF. 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, please contact the following:

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