

EVABOARD

panels



polytec

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polytec's Evaboard is manufactured using a 16mm High Performance MDF board. The innovative weather resistant nature of Evaboard makes it the ideal product to be used in areas that may be exposed to light moisture and steam, such as kitchens, bathrooms, laundries, covered alfresco areas, partitioning and doors as internal joinery.

Evaboard is a highly durable engineered wood product designed for use in areas where moisture and steam may be present. Evaboard is manufactured with tightly controlled and measured physical properties, has uniform density, and can be cut, and drilled like regular solid wood, as with all wood products in external applications, Evaboard must be sealed on all surfaces and edges to control both moisture uptake and moisture loss. Evaboard is designed for use in areas that are protected from direct exposure to the weather.

Features and Benefits

- Easy to clean and stain-resistant
- Moisture-resistant
- Scuff and high impact resistant
- Australian-made and manufactured
- Hygienic
- Highly durable
- Cost-effective
- Easy to machine
- Weather-resilient
- Can be painted

Applications

- Covered alfresco areas
- Internal cabinetry
- Bathrooms and laundries
- Kitchens
- Partitioning in non-wet area
- Doors
- Commercial fitout
- Multi-residential
- Retail/Hospitality
- Domestic and commercial joinery

Improved Moisture Resistant Properties

All wood and wood-based products react to moisture. Wood cells expand and shrink slightly in width and length as they absorb or lose moisture. The specially formulated MDI resin used in the production of Evaboard increases the physical properties and durability of MDF and increases protection against thickness swell to create a premium composite panel for demanding conditions.

MDI resin provides a very strong bond with the wood particles as it reacts with the wood itself when put under intense heat, creating a non-reversible chemical weld. MDI resins do not break down gradually over time in the presence of moisture, improving the durability significantly.

Painting

Evaboard must have all edges completely sealed with an edgetape or sealer undercoat and should have at least two (2) coats of exterior top coat paint, or as advised by the paint manufacturer, prior to being exposed to any area where moisture may be present. Any other part of the panel where the raw board is exposed, i.e. after routing must have, unless the paint manufacturer advises otherwise, at least one (1) coat of primer and two (2) coats of top coat paint, applied prior to being exposed to any area where moisture may be present. To avoid warping or cracking, dark colour paints must be avoided. The light reflective value (LRV) should be 50% or above and have the same or similar value for both interior and exterior coats.

Product characteristics

Attribute	Standard
Product Category	Evaboard
Substrate Type	HP MDF
Sheet Size (nominal)	2400 x 1200mm
Thickness (nominal)	16mm, 18mm
Finish	Matt, Satin

Product performance

Attribute	16mm
Moisture Content	7.5+/-1.5 %
Thickness Swell (24hr 20°C)	4.2 %
Thickness Swell (2hr 70°C)	13.0 %
Thickness Swell (1hr boil)	18 %
Wet Bending Strength (MoR-a)	14.0 Mpa

Colour range



The colours and details shown in this brochure are to the highest standards in printing. However, they should only be used as an indication of actual product colour. To order your free colour sample visit www.polytec.com.au.

The use of our current samples gives the colour and finish that a customer would expect to receive. Samples are provided for colour and finish selection and polytec recommend testing a sample for fingerprint resistance and ease of cleaning. polytec does not guarantee exact colour matches across product ranges due to colour variation in each product group.

Visit www.polytec.com.au for specific care and cleaning information.

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