

Laminex Structural MR™



Laminex Structural MR™ is a moisture resistant particleboard factory laminated on both sides with a hardwearing decorative melamine surface.

Layers of Kraft paper laminated beneath the decorative melamine surface give Laminex Structural MR™ superior impact resistance together with the wear and abrasion properties of high-pressure laminate.

APPLICATIONS

Laminex Structural MR™ is designed for both horizontal and vertical applications and has similar hardwearing attributes of standard laminates being resistant to normal wear and abrasion.

It is designed for interior applications such as: table tops, cupboard doors, built-in furniture, partitions, commercial shelving, office furniture, school desks and furniture and hospital fitouts.

FIRE HAZARD INDICES

(Typically achieved when tested to AS 1530.3-1989)		
Indices	Result	Range
Ignitability	10	0-20
Spread of Flame	6	0-10
Heat Evolved	5	0-10
Smoke Developed	4	0-10

WEIGHT

Thickness	18mm	25mm	33mm
Kg per m ²	12.6	17.8	22.1

SURFACE FINISH

Flint, Natural.

DIMENSIONAL STABILITY

Length 0.4% **Thickness** 5.0% with changes from 35% Relative Humidity to 85% Relative Humidity (relative to datum point of 65% relative humidity).

DECORATIVE SURFACE PROPERTIES

When tested in approved manner complies with the relevant sections of AS/NZS 1859.3-1996 surface properties as follows.

RESISTANCE TO WEAR

Solid Colors

Typical results 600 cycles.

Patterns and Woodgrains

Typical results 250 cycles.

RESISTANCE TO STEAM

No noticeable permeability effects.

RESISTANCE TO DRY HEAT

When Structural MR™ is exposed to temperature higher than 180°C, slight dulling of the surface may occur.

IMPACT RESISTANCE

≥40 cm, in accordance with the above standard.

SHEET SIZES, THICKNESSES AND COLOURS Refer to the Laminex® Product Availability Chart.



IMPORTANT NOTE

A slight variation exists between the flint finish on Laminex® melamine faced board products (Lamiwood MR®, Decorwood®, HD3® Decorated, Vertiboard®, Vertiboard MR, Structural and Contour® Doors) and the flint finish on Laminex® high-pressure laminate products.

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