

Laminex Lamiwood MR[®]

Laminex Lamiwood MR is a Moisture Resistant medium density fibreboard, factory bonded with hardwearing melamine impregnated decorative paper to both sides, suitable for use in areas of high humidity or where accidental wetting may occur.



APPLICATIONS

Lamiwood is designed for interior use, such as kitchen cupboards, doors, bathroom vanities, laundry cupboards, shelving, wall panelling and all commercial and domestic furniture.

Lamiwood can be machined and face routed with all conventional wood working tools achieving clean sharp edges.

Lamiwood is available in most of the Laminex range of colours, patterns and woodgrains. Lamiwood is offered in the lower formaldehyde emission level E0.

DECORATIVE SURFACE PROPERTIES

Lamiwood, when tested in approved manner complies with the relevant sections of AS/NZS 1859.3 for surface properties.

RESISTANCE TO WEAR

AS/NZS 1859.3 requires minimum performance of:

Solid Colors

Average > 300 cycles.

Prints and Woodgrains

Average > 40 cycles.

Resistance to Steam

No noticeable permeability effects.

FIRE TESTS

(Typically achieved when tested to AS/NZS 1530.3)

Indices	Result	Range
Ignitability	14	0-20
Spread of Flame	8	0-10
Heat Evolved	7	0-10
Smoke Developed	4	0-10

Cone Calorimeter AS/NZS 3837 (Irradiance of 50kW/m²)

Classification	Result	Unit/Range
Group Number	3	1-3
Average Specific Extinction Area	90.1	m ² / kg

SUBSTRATE PROPERTIES

(Typical physical properties when tested to AS/NZS 1859.2)

Property	Unit	THICKNESS		
		9mm-12mm	13mm-22mm	23mm-33mm
Thickness Tolerance	mm	+/- 0.2	+/- 0.3	+/- 0.3
Density	kg/m ³	760	730	710
Internal bond	MPa	1.00	0.90	0.70
Modulus of Rapture	MPa	46.0	43.0	38.5
Modulus of Elasticity	MPa	3600	3600	3400
Surface Soundness	MPa	1.3	1.7	1.8
Screw Holding, Face	N		1000	1000
Screw Holding, Edge	N		1600	1600
Thickness Swell (24hr)	%	<7	<4	<4
(Method A) Wet Bending Strength	MPa	10.5	9.7	8.5

* Values reflect new testing methods (Method A) for screw holding properties in AS/NZS 4266.13

WEIGHT

Thickness	9mm	12mm	16mm	18mm	25mm	32mm
kg per m ²	6.9	9.0	11.7	13.1	18.0	23.0

SHEET SIZES AND THICKNESSES

Refer to the Laminex Product Availability Chart.

FINISH

Flint, Natural (depending on colour).

MOISTURE RESISTANCE

Laminex Lamiwood MR complies with moisture resistance properties as specified in AS/NZS 1859.2. Refer to Substrate Properties table.

THIRD PARTY CERTIFICATION

Laminex Lamiwood is an ecospecifier Global GreenTag™ GreenRate Level A certified product and can contribute to Green Star® points.



In addition, Laminex Lamiwood has achieved Australian Forestry Standard / Programme for Endorsement of Forest Certification Schemes (AFS/PEFC) Chain of Custody (CoC). This ensures that the timber is sourced from sustainably managed forests and accrues Timber Credits in the Green Star Materials Calculator:



IMPORTANT NOTE

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

General Site Work Notes

Appendix 1. Handling & Product Application Guidelines
Section 9:1

Laminate Product: Care & Maintenance

Appendix 2. General Care and Maintenance
Section 9:2

Board Product: Site Work Notes

Appendix 3. Handling & Product Application
Section 9:3

Board Product: Shelf Loadings

Appendix 3. Handling & Product Application
Section 9:3

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Section 3:1