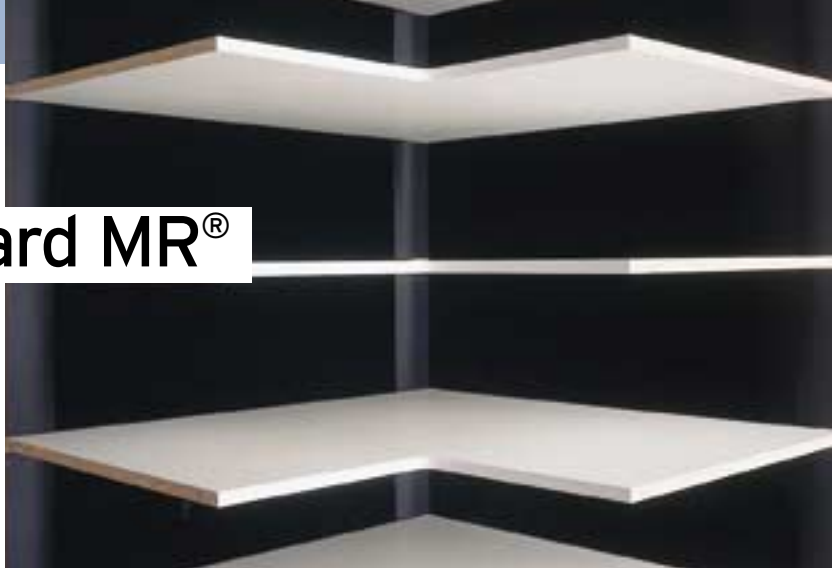


Laminex Vertiboard MR®

Vertiboard MR® is a moisture resistant particleboard factory laminated on both sides with a hardwearing melamine decorative surface.

The superior performance of Vertiboard MR® is due to the bonding of the wood particles with a specially blended moisture resistant resin system.



APPLICATIONS

Vertiboard MR® is suitable for use in the following applications: Kitchen cupboards, laundry cupboards, vanity units, shelving, wall linings, partitions, built-in furniture, all detail joinery where a moisture resistant decorative board is required.

COLOURS

A full range of colours, patterns and woodgrains are available. Please check your local branch for availability.

FINISH

Flint, Satin and Natural.

MOISTURE RESISTANCE

Laminex Vertiboard MR® complies with the Wet Cyclic Test for moisture resistance properties as specified in AS/NZS 1859.1-2001 (Int). Refer to Physical Properties table for details.

FIRE HAZARD INDICES

(Typically achieved when tested to AS/NZS 1530.3-1989)		
Indices	Result	Range
Ignitability	11	0-20
Spread of Flame	7	0-10
Heat Evolved	6	0-10
Smoke Developed	4	0-10

DECORATIVE SURFACE PROPERTIES

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

RESISTANCE TO WEAR

Solid Colors
Typical results 600 cycles.

Patterns and Woodgrains
Typical results 100 cycles.

RESISTANCE TO STEAM

No noticeable permeability effects.

SHEET SIZES AND THICKNESSES

Refer to the Laminex® Product Availability Chart.



SUBSTRATE PROPERTIES

(Typical physical properties when tested to AS/NZS 1859.2-2001 Int.)						
Property	Unit	THICKNESS				
		9mm	12mm	16mm-18mm	25mm	33mm
Board Density	kg/m ³	700	670	640	620	640
Internal Bond	KPa	700	670	580	550	550
Modulus of Rupture	MPa	19	19	19	18	18
Modulus of Elasticity	MPa	2700	2800	2600	2700	2800
*Screw Holding – Face	N	N/A	N/A	700	700	800
*Screw Holding – Edge	N	N/A	N/A	1000	900	900
Surface Soundness	MPa	1.0	1.2	1.4	1.2	1.5
Moisture Content	%	5-8	5-8	5-8	5-8	5-8
Thickness Swell 24 hrs	%	10	9	8	7	6
Moisture Resistance	Test	V313	V313	V313	V313	V313

* Values reflect new testing methods for screw holding properties in AS/NZS 4266.13-2001 (Int).

In most instances the performance characteristics of the particleboard exceeds the minimum requirement of AS/NZS 1859.1-2001 (Int). However for minimum property values refer to AS/NZS 1859.1-2001 (Int).

WEIGHT

Thickness	9mm	12mm	16mm	18mm	25mm	33mm
kg per m ²	6.3	8.0	10.2	11.5	15.5	21.1

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.

Care & Maintenance

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