

Formica® Decorated MDF

Formica® Decorated MDF is a medium density fibreboard bonded on both sides with a hardwearing melamine decorative surface. Formica Decorated MDF can be machined and face routed using conventional wood working tools. However, Formica Decorated MDF is a wood based panel and will react to changes in moisture as will natural timber.



APPLICATIONS

Formica® Decorated MDF can be used in the following applications, in all areas away from high humidity, such as wall units, bedroom furniture, office furniture, wall lining, shelving.

Note: Formica Decorated MDF is for interior use only and should not be exposed to damp conditions or high humidity.

DECORATIVE SURFACE PROPERTIES

Formica Decorated MDF, when tested in approved manner complies with the relevant sections of AS/NZS 1859.3 for surface properties as below:

SUBSTRATE PROPERTIES

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

Specifications	Unit	THICKNESS	
		13mm-22mm	23mm-33mm
Thickness Tolerance	mm	mm +/-0.3	mm +/-0.3
Density	kg/m ³	730	720
Internal Bond	MPa	0.60	0.50
Modulus of Rapture	MPa	34.5	31.0
Modulus of Elasticity	MPa	3400	3400
Surface Soundness	MPa	1.2	1.4
Screw Holding, Face	N	800	800
Screw Holding, Edge	N	1000	1000
Thickness Swell (24hr)	%	<6	<6

* Values reflect new testing methods for screw holding properties in AS/NZS 4266.13

WEIGHT

Thickness	16mm	18mm	25mm	33mm
kg per m ²	11.7	13.1	18.0	23.0

RESISTANCE TO WEAR

Solid Colors

Typical results >700 cycles.

Prints and Woodgrains

Typical results >150 cycles.

RESISTANCE TO STEAM

No noticeable permeability effects.

COLOURS

Formica Decorated MDF is available in many of the Formica range of solid colours & woodgrains and in some patterns. Please contact your local branch for availability.

FINISH

Velvet, Pearl.

SHEET SIZES AND THICKNESSES

Refer to the Formica Product Availability Chart.

GREENfirst PRODUCT

Formica Decorated MDF is a Greenfirst™ product and is certified by Good Environmental Choice Australia as environmentally preferable.



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

IMPORTANT NOTE

A slight variation exists between the finishes on Formica melamine faced board products and the Formica high-pressure laminate products.

General Site Work Notes

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Laminate Product: Care & Maintenance

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Board Product: Site Work Notes

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Board Product: Shelf Loadings

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