

Laminex Decorwood®

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



APPLICATIONS

Decorwood® 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.

Decorwood is also available in the lower formaldehyde emission level E0.

Note:

Laminex Decorwood is for interior use only and should not be exposed to damp conditions or high humidity.

SUBSTRATE PROPERTIES

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

Specifications	Unit	THICKNESS			
		5mm-8mm	9mm-12mm	13mm-22mm	23mm-33mm
Thickness Tolerance	mm	mm +/-0.2	mm +/-0.2	mm +/-0.3	mm +/-0.3
Density	kg/m ³	780	760	730	720
Internal Bond	MPa	0.90	0.75	0.60	0.50
Modulus of Rapture	MPa	40.0	38.5	34.5	31.0
Modulus of Elasticity	MPa	3500	3600	3400	3400
Surface Soundness	MPa	0.6	0.9	1.2	1.4
Screw Holding, Face	N			800	800
Screw Holding, Edge	N			1000	1000
Thickness Swell (24hr)	%	<16	<10	<6	<6

* Values reflect new testing methods 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

DECORATIVE SURFACE PROPERTIES

Decorwood, when tested in approved manner complies with the relevant sections of AS/NZS 1859.3 as per substrate properties table below:

RESISTANCE TO WEAR

Solid Colors

Typical results >700 cycles.

Prints and Woodgrains

Typical results >150 cycles.

RESISTANCE TO STEAM

No noticeable permeability effects.

COLOURS

Decorwood comes in a limited range of colours. Please contact your local branch for availability.

FINISH

Flint, Natural, Mineral.

SHEET SIZES AND THICKNESSES

Refer to the Laminex Product Availability Chart.

GREENfirst PRODUCT

Laminex Decorwood 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 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

Greenfirst

Section 3:1