

LAMINEX® Lamiwood® E0

Moisture
Resistant
MDF



Decorative Paper (top)

Decorative Paper (bottom)

- Laminex® Lamiwood® E0 is a moisture resistant medium density fibreboard, factory laminated with hardwearing melamine surfaces suitable for vertical applications.
- Can be machined or face routed for detailed joinery work.
- Can be used for internal joinery applications in areas of high humidity, or where accidental wetting may occur.
- Applications include cabinet doors and panels for kitchens, bathrooms and laundries, furniture, storage units, wall linings and general joinery work.
- There is a large choice of colour options available which coordinate with the entire Laminex range of products.
- Laminex Lamiwood E0 panels meet the very Low Formaldehyde Emission E0 level.
- A commercially viable and environmentally preferable range of products without compromising design flexibility.
- Laminex Lamiwood E0 panels have been independently certified as environmentally preferable by Good Environmental Choice Australia.

PRODUCT	COLOUR RANGE	PANEL OPTIONS		SUBSTRATE AVAILABILITY
		Thickness	Sheet Size	
Laminex Lamiwood E0	Refer to Product Availability Chart	18mm	2400 x 1200mm	E0 MR

Laminex Lamiwood E0 is made to order. Contact The Laminex Group for the colour guide availability and lead times.

Laminex Lamiwood E0 is made to meet or exceed the requirements of AS/NZS 1859.2.

LAMINEX LAMIWOOD E0 (This table shows typical values when tested by a NATA accredited laboratory)		
Technical Properties	Unit	Typical Values
Weight	kg/m ²	13.1
Board Density	kg/m ³	730
Internal Bond	MPa	0.90
Modulus of Rupture	MPa	43.0
Modulus of Elasticity	MPa	3600
Surface Soundness	MPa	1.7
Screw Holding, Face	Newton	1000
Screw Holding, Edge	Newton	1600
Thickness Swell (24hr)	%	< 4
Wet Bending Strength (Method A)	MPa	9.7
Formaldehyde Emission Level	mg/L	≤ 0.5

Laminex Lamiwood E0 is made to meet or exceed the requirements of AS/NZS 1859.3 for surface properties.

For other technical information, refer to the Laminex Product Catalogue or visit www.laminex.com.au



Printed on recycled paper. Image courtesy of Forest Products Commission.

Laminex®
Inspire your space

The Management of Wood Fibre Sources

- The wood fibre for our Australian made MDF comes from government and private plantations.
- Our major sources of wood supply are Forestry Plantations Queensland and the Forest Products Commission in Western Australia.
- Forestry Plantations Queensland is independently certified to the Australian Forestry Standard (AFS), which delivers sustainable forest management and chain of custody certification.
- The Laminex Group continues to pursue chain of custody certification for the supply of all its wood fibre.

Wood Fibre Source for Laminex Lamiwood E0

Pre-consumer recycled and reclaimed wood fibre is used in the production of MDF used to make Laminex Lamiwood E0, giving this product a high “eco-preferred” content.

Two MDF mills supply all of The Laminex Group’s Australian demand. The wood fibre used at each mill is constituted as follows:

(i) Gympie QLD (MDF Mill)

Wood species include: slash, pinus caribea and hoop pine from Queensland Government plantations.

(ii) Welshpool WA (MDF Mill)

Wood species include: pinaster and radiata pine from Western Australian plantations.

The wood content for our Australian made MDF is as follows:

Pre-consumer recycled content	60%
Reclaimed silviculture fibre	40%

Paper source for Laminex Lamiwood E0

The paper used to decorate Laminex Lamiwood E0 is sourced from suppliers in Europe, Asia and the USA. Our suppliers use wood pulp from managed timber plantations. Heavy metals are not present in the colouration pigments used for paper supplied to The Laminex Group. We specify use of ECF – Elemental Chlorine Free bleached pulp for decorative paper.

Reduced Emissions for Better Indoor Air Quality

- The Laminex Group manufactures MDF panels that comply with the very low formaldehyde emission level E0 defined in the Australian Standard AS/NZS 1859.2 for MDF, placing them among the best in the world.

AS/NZS 1859:2	Formaldehyde Emission Level (mg/L)
E0 Standard	≤ 0.5

- E0 MDF panels emit formaldehyde well below the workplace exposure limit set by the National Occupational Health and Safety Commission and they comply with the voluntary standards of Good Environmental Choice Australia.

- Laminex Lamiwood complies to the total VOC limit specified by Green Star of < 0.5 mg/m³. Result showing total Volatile Organic Compound Emission Rate at < 0.05mg / m² / hr (7 days).
- The Laminex Group recommends the use of mechanical fixing systems and, where necessary, water based adhesives to minimise the impact on indoor air quality.

Product Durability

- Laminex Lamiwood E0 is supported by a seven year limited warranty. A copy of the Laminex Lamiwood 7 Year Limited Warranty can be obtained from The Laminex Group or an approved supplier.
- The serviceable life of the product will depend on its application.

Modularity & Flexibility

- The standard panel size of Laminex Lamiwood E0 is well adapted to practical requirements for furniture and joinery, so cutting can be optimised and waste kept to a minimum.
- Panels are self-supporting and decorated on both sides.
- Panels can be cut, edged and assembled using mechanical fixing systems.
- Furniture and joinery made with Laminex Lamiwood E0 can be disassembled, reused, refurbished or easily replaced.

Product Stewardship

- The Laminex Group is committed to exploring commercially viable environmental programs and is investigating processes and technologies to collect and re-use its products after the end of their serviceable lives.

Green Star Office Interiors Compatibility (VI.1)

IEQ 11 – Volatile Organic Compounds

If 100% of composite wood panels used are Laminex Lamiwood E0, use of these products will contribute towards achievement of 2 credit points.

IEQ 12 – Formaldehyde Minimisation

If 100% of composite wood panels used are Laminex Lamiwood E0, use of these products will contribute towards achievement of 1 credit point.

MAT 7 – Joinery

If 100% of joinery uses Laminex Lamiwood E0, this will assist towards the achievement of 1 credit point. Laminex Lamiwood E0 can also contribute to the achievement of credits for MAT 1-Workstations, MAT 3 – Walls & Partitions, MAT 5 – Tables and MAT 6 – Storage.

