

Trade Essentials® Whiteboard E0

Moisture
Resistant
Particleboard



White Paper (top)

White Paper (bottom)

- Trade Essentials® Whiteboard E0 is a particleboard factory laminated with hardwearing white melamine surfaces.
- Available in Moisture Resistant (MR) grade, which is a particleboard suitable for interior use in areas of high humidity, or where accidental wetting may occur. Applications include cabinet construction, shelving, doors and panels for kitchens, bathrooms, laundries and general joinery work.
- Trade Essentials Whiteboard E0 panels meet the very Low Formaldehyde Emission E0 level.
- A commercially viable and environmentally preferable range of products without compromising design flexibility.
- Trade Essentials Whiteboard E0 panels have been independently certified as environmentally preferable by Good Environmental Choice Australia.

PRODUCT	PANEL OPTIONS		SUBSTRATE AVAILABILITY
	Thickness	Sheet Size	
Trade Essentials Whiteboard E0	16mm	2400 x 1800mm	E0 MR

Trade Essentials Whiteboard E0 is made to meet or exceed the requirements of AS/NZS 1859:1.

TRADE ESSENTIALS WHITEBOARD E0 (This table shows typical values when tested by a NATA accredited laboratory)		
Technical Properties	Unit	Typical Values
Weight	kg/m ²	10.4
Board Density	kg/m ³	650
Internal Bond	MPa	0.80
Modulus of Rupture	MPa	17.0
Modulus of Elasticity	MPa	2300
Surface Soundness	MPa	1.6
Screw Holding, Face	Newton	700
Screw Holding, Edge	Newton	900
Thickness Swell (24hr)	%	< 6
Wet Bending Strength (Method A)	MPa	4.5
Formaldehyde Emission Level	mg/L	≤ 0.5

Trade Essentials Whiteboard E0 is made to meet or exceed the requirements of AS/NZS 1859.3 for surface properties. For more detailed information, please refer to the Trade Essentials Whiteboard product brochure available from The Laminex Group or visit www.thelaminexgroup.com.au



The Management of Wood Fibre Sources

- The wood fibre source for our Australian made particleboard originates from government and private plantations.
- Our major source of wood supply is the Forest Products Commission in Western Australia.
- The wood fibre sources of The Laminex Group have been audited by Good Environmental Choice Australia and were found to meet the requirements of the voluntary standard GECA 28/2005 – Furniture & Fittings.
- The Laminex Group continues to pursue opportunities for chain of custody certification for the supply of its wood fibre.

Wood Fibre Source for Trade Essentials Whiteboard E0

Pre-consumer recycled and reclaimed wood fibre is used in the production of Trade Essentials Particleboard, giving this product a high “eco-preferred content”.

The Dardanup Mill in Western Australia produces Particleboard E0 for the Australian market.

Dardanup WA (Particleboard Mill)

The wood species used includes radiata and pinaster pine from Western Australian plantations.

Pre-consumer recycled content	50%
Reclaimed silviculture fibre	50%

The Laminex Group has established a wood waste recycling program to collect and process post consumer wood waste for its Dardanup particleboard mill in WA. Up to 8% of the raw material input to particleboard manufacturing is now recycled wood waste.

Paper source for Trade Essentials Whiteboard E0

Papers used to decorate Trade Essentials Whiteboard E0 are 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 papers.

Reduced Emissions for Better Indoor Air Quality

- The Laminex Group manufactures particleboard panels that comply with the very low formaldehyde emission level E0 defined in the Australian Standard AS/NZS 1859.1 for particleboard, placing them among the best in the world.

AS/NZS 1859: 1	Formaldehyde Emission Level (mg/L)
E0 Standard	≤ 0.5

- E0 Particleboard 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.

- Trade Essentials Whiteboard E0 has been tested for Volatile Organic Compounds with test results showing total Volatile Organic Compound Emission Rate at 0.15mg / 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

- Trade Essentials Whiteboard E0 is supported by a seven year limited warranty. A copy of the Trade Essentials Whiteboard 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.

Product Stewardship

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

Green Star Office Interiors Compatibility (V1.1)

IEQ 11 – Volatile Organic Compounds

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

MAT 7 – Joinery

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