

Trade Essentials® Whiteboard on Lakepine® MDF



Trade Essentials® Whiteboard on Lakepine® MDF is available in three grades:

- 1: Lakepine® is a standard grade medium density fibreboard (Lakepine® MDF) factory laminated with hardwearing melamine surfaces suitable for vertical applications.
 - 2: Lakepine® MR is a highly moisture resistant MDF specifically developed to provide extra durability for furniture and joinery applications in interior areas subject to high humidity.
 - 3: Lakepine® Zero™ is a low formaldehyde emitting MDF panel (E0) specifically developed for situations where lower formaldehyde emission levels are preferred.
- Applications include kitchen cabinets, furniture, storage units, wall linings and general joinery work.
 - Can be machined or face routed for detailed joinery work.
 - A commercially viable and environmentally preferable range of products which does not compromise design flexibility.
 - Trade Essentials® Whiteboard on Lakepine® MDF has been awarded the Environmental Choice New Zealand Licence.

PRODUCT	PANEL OPTIONS		SUBSTRATE AVAILABILITY	
	THICKNESS	SHEET SIZES	E1	E0
Trade Essentials® Whiteboard on: Lakepine® MDF	Available in 12, 16, 18mm	2440 x 1220, 2440 x 1830mm	✓	
Lakepine® MR	16, 18mm	Available in selected sizes	✓	
Lakepine® Zero	12, 16, 18mm	2440 x 1220mm, 2440 x 1830mm		✓

TRADE ESSENTIALS® WHITEBOARD ON LAKEPINE® MDF AND LAKEPINE® ZERO

THICKNESS (mm)	12	16	18
Density* (kg/m ³)	730	730	730
Board Weight (kg/m ²)	9.0	11.8	13.3

TRADE ESSENTIALS® WHITEBOARD ON LAKEPINE® MR

THICKNESS (mm)	16	18
Density* (kg/m ³)	740	740
Board Weight (kg/m ²)	11.8	13.3

*The Laminex Group reserves the right to change specifications.

For detailed physical properties, please refer to the Lakepine® product brochure available from The Laminex Group.



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another trade essential from
THE laminex GROUP™

The Management of Wood Fibre Sources

- The wood fibre for our New Zealand made Trade Essentials® Whiteboard on Lakepine® MDF comes from privately owned managed plantation forests.
- The main sources of wood supply are Otago and Southland plantations.
- The Laminex Group continues to pursue opportunities for Forest Stewardship Council (FSC) chain of custody certification for the supply of its wood fibre in New Zealand.

Wood Fibre Source for Trade Essentials® Whiteboard on Lakepine® MDF and Lakepine® Zero

The Lakepine® range is manufactured in the South Island of New Zealand.

A significant proportion of pre-consumer recycled and reclaimed wood fibre is used in the production of Lakepine® MDF, giving this product a high “eco-preferred” content.

The wood fibre used is constituted as follows:

Wood species is almost exclusively Pinus Radiata from Otago and Southland plantations.

Pre-consumer recycled content	60%
Reclaimed silviculture (forest floor) fibre	5%
Wood chip	35%

Reduced Emissions for Better Indoor Air Quality

- The Laminex Group manufactures MDF panels which comply with the low formaldehyde emission level E1 defined in AS/NZS 1859 Part 2 (2004) for MDF, placing them amongst the best in the world.
- The Greenfirst range includes the option of MDF panels with the very low formaldehyde emission level E0 substrate (Lakepine® Zero).
- Trade Essentials® Whiteboard products emit formaldehyde well below the workplace exposure limit set by Occupational Safety and Health New Zealand.
- Trade Essentials® Whiteboard MDF also emits very low traces of Volatile Organic Compounds (VOC's).

Technical Information

AS/NZS 1859: 2 (2004)	Formaldehyde Emission Levels (mg/l)
E1 Standard	
Lakepine MDF and MR	≤ 1.0
E0 Standard	
Lakepine Zero	≤ 0.5

Paper Source for Trade Essentials® Whiteboard

- Decorative papers used to decorate Trade Essentials® Whiteboard are sourced from several suppliers from Europe, Asia and USA.
- Our suppliers use wood pulp from managed timber plantations.
- Heavy metals are not present in the inks used for paper supplied to The Laminex Group. We specify use of ECF – Elemental Chlorine Free bleached pulp for decorative papers.

Product Durability

- Trade Essentials® Whiteboard is a self supporting panel with a high wear surface suitable for vertical application.
- The serviceable life of the product will depend on its application. When stored, handled, used and maintained in accordance with current technical literature, the product will meet the durability requirements of NZBC B2.3.1 (c).

Modularity & Flexibility

- The standard panel sizes of Trade Essentials® Whiteboard are well adapted to practical requirements so that cutting can be optimised and waste kept to a minimum.
- Panels are self supporting and decorated on two sides. Panels can be cut, edged and assembled using mechanical fixing systems. Furniture and joinery made with Trade Essentials® Whiteboard 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 NZ Office Design Compatibility

IEQ 14 - Formaldehyde Minimisation

If 100% of composite wood panels used are Trade Essentials® Whiteboard on Lakepine® MDF or Lakepine® Zero, use of the products will contribute towards achievement of 1 credit point.
MAT 8 - Sustainable Timber

If 100% of composite wood panels used are Trade Essentials® Whiteboard on Lakepine® MDF or Lakepine® Zero, use of the products will contribute towards achievement of 2 credit points.
Trade Essentials® Whiteboard on Lakepine® MDF has been awarded the Environmental Choice New Zealand (ECNZ) licence and meets the criteria for the Forest Stewardship Council (FSC) certified timber set in the ECNZ Furniture and Fittings standard.