

Trade Essentials® Whiteboard

Trade Essentials Whiteboard is a high quality particleboard with a white melamine surface bonded to both sides. The melamine surface is non-porous and hardwearing making it ideal for internal cabinetry.



APPLICATIONS

There are different Trade Essentials® Whiteboard panel products available to suit various applications.

1. Whiteboard Standard (STD): designed for interior use as built-in cupboards, wardrobes, furniture, shelving, wall linings and all detailed joinery where the product will not be subjected to high humidity.
 2. Whiteboard STD Shelving: pre cut and edged on one long side to allow for quick, convenient cutting of shelves for cupboards and built-in furniture.
 3. Whiteboard MR: high moisture resistant properties designed for interior use as kitchen cupboards, bathroom vanities, laundry cupboards, shelving, wall linings and all detailed joinery where a moisture resistant decorative board is required. Easily identified by green dye incorporated in the core of the board.
 4. Whiteboard MR Shelving: pre-cut and edged on one long side in moisture resistant substrate.
 5. Whiteboard MR E0: meets the lower formaldehyde emission level E0.
- Surface finishes available include Décor Texture and Velvet.

PROPERTIES

Typical properties for 18mm MR Whiteboard when tested to AS/NZS 1859.1	
Density	640 kg/m ³
Modulus of Rupture	17.0 Mpa
Modulus of Elasticity	2300 Mpa
Internal Bond	0.80 MPa
Thickness Swell (24 hr)	<6%
Surface Soundness	1.6MPa
Screw Holding Face	700N
Screw Holding Edge	900N
Formaldehyde Level	≤ 1.5mg/L

WEIGHT

Thickness	33mm	18mm
kg per m ²	20.1	11.5

FIRE HAZARD INDICES

(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

FIRE TEST RESULTS

Cone Calorimeter

(Results when tested in accordance with AS/NZS 3837)

Classification	Result
Group Number	3
Average Specific Extinction Area	61.2 Kg/m ²

SHEET SIZES & THICKNESSES

Trade Essentials Whiteboard is available in a range of sheet sizes and thicknesses. See Appendix pages...

MOISTURE RESISTANCE WHITEBOARD MR

Complies with Wet Cyclic Test moisture resistant properties as specified in the Properties table (AS/NZS 1859.1).

GREENfirst PRODUCT

Trade Essentials Whiteboard MR E0 is a Greenfirst product and is certified by Good Environmental Choice Australia as environmentally preferable.



General Site Work Notes

Appendix 1. Handling & Product Application Guidelines, Page 151-152

Board Product: Site Work Notes

Appendix 3. Handling & Product Application, Page 155-159

Board Product: Shelf Loadings

Appendix 3. Handling & Product Application, Pages 160-162

Sheet Size & Thickness Availability Appendix 6, Page 167

Greenfirst Product Pages 20-21