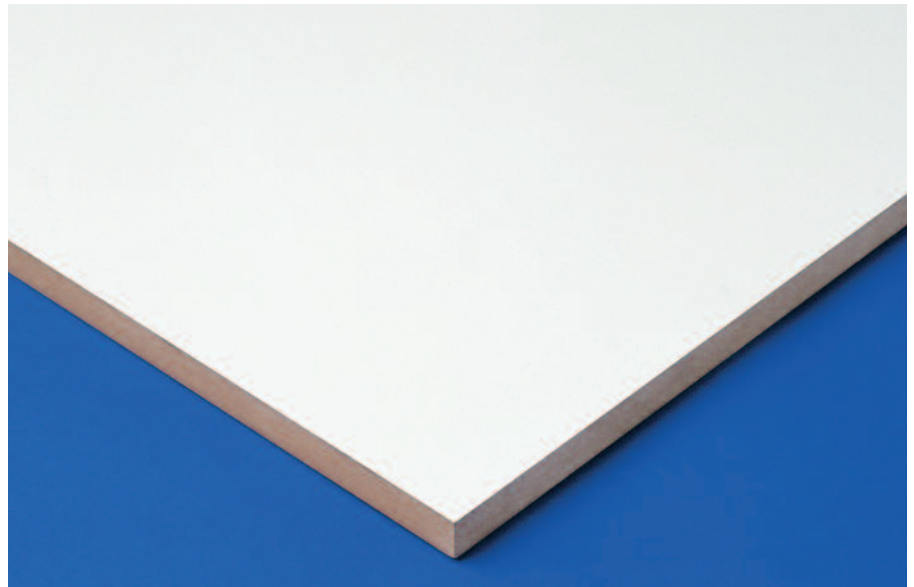# Trade Essentials® Whiteboard

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/m³
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	≤ 1.0mg/L

WEIGHT

Thickness	33mm	18mm
kg per m²	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/m²

SHEET SIZES & THICKNESSES

Trade Essentials Whiteboard is available in a range of sheet sizes and thicknesses. See Appendix 6.

MOISTURE RESISTANCE WHITEBOARD MR

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

Trade Essentials Whiteboard is manufactured to E1 formaldehyde emission levels (≤ **1.5**mg/L). It is also available in an extremely low E0 formaldehyde (≤ 0.5mg/L) version. Trade Essentials E0 Whiteboard is a Green*first* product.

General Site Work Notes
Appendix 1. Handling & Product Application Guidelines, Section 9:1

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

Sheet Size & Thickness Availability Appendix 6, Section 9:6

Green*first* Product Section 3:1