

Trade Essentials® Aquaban®

Trade Essentials Aquaban is a single sided white decorated 33mm Moisture Resistant Particleboard, purpose designed with post forming benchtops in mind. The white melamine underside of Aquaban Particleboard will resist moisture, providing clean, hygienic and durable quality benchtops. The superior performance of Aquaban Particleboard compared to standard particleboard is due to the bonding of the wood particles with a special moisture resistant resin system.



APPLICATIONS

Trade Essentials® Aquaban is suitable for use as a substrate in areas of high humidity such as kitchens, laboratories, commercial benchtops, or any application where a high quality moisture resistant bench top is required.

Trade Essentials Aquaban can be easily identified by the green dye incorporated into the core of the board.

PROPERTIES

(Typical physical properties when tested to AS/NZS 1859.1)	
Density	610kg/m ³
Modulus of Rupture	17.5 MPa
Modulus of Elasticity	3000 MPa
Internal Bond	0.6 MPa
Thickness Swell (24 hr)	<-5%
(In addition, performance specifications for Aquaban will typically be as follows:)	
Bowing - Length (Sheet laying flat)	<2.0mm per linear metre
Bowing - Width (Sheet laying flat)	<2.0mm per linear metre
Wear Value	>350 cycles
Formaldehyde Level	≤ 1.5mg/L

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

WEIGHT

Thickness	33mm
kg per m ²	20.1

SHEET SIZES

For sheet sizes see Appendix page

MOISTURE RESISTANCE

Complies with Wet Cyclic Test moisture resistant properties as specified in table 4.2 of AS/NZS 1859.1

General Site Work Notes

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Board Product: Site Work Notes

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Sheet Size & Thickness Availability

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Shelf Loadings

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