

Trade Essentials® Aquaban® E0

Trade Essentials Aquaban E0 is a single sided white decorated 33mm or 38mm Moisture Resistant Particleboard, purpose designed with post forming benchtops in mind. The white melamine underside of Aquaban E0 Particleboard will resist moisture, providing clean, hygienic and durable quality benchtops. The superior performance of Aquaban E0 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 E0 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 E0 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	15.5 MPa
Modulus of Elasticity	2400 MPa
Internal Bond	0.7 MPa
Thickness Swell (24 hr)	5% ave.
(In addition, performance specifications for Aquaban E0 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	>450 cycles
Formaldehyde Level	≤ 0.5mg/L

FIRE TEST RESULTS

Cone Calorimeter (Results when tested in accordance with AS/NZS 3837)	
Classification	Result
Group Number	3
Average Specific Extinction Area	19.8 m ² /kg

WEIGHT

Thickness	33mm	38mm
kg per m ²	20.1	23.2

MOISTURE RESISTANCE

Complies with Wet Bend Strength moisture resistant properties as specified in AS/NZS 1859.1

COMMON SHEET SIZES

Thickness	Sheet Size	Finish	Pack Size	Code
38mm	3660x1840	Flint	10	949211

Other options available.