



Ultra Low Emission (E0) Particleboard

Low Emission Particleboard manufactured by D&R Henderson is a low formaldehyde grade substrate produced using enhanced eco-friendly technology.

Its manufacture is achieved under strict conditions. Our certification under the Japanese Industry Standard JIS-A5908 ensures the product meets the requirements of the most stringent regulation in the world with regard to formaldehyde emissions.

D&R Henderson was the first company in Australia to achieve certification under JIS-A5908 and one of the first outside Japan. We continue to export low emission particleboard products to Japan and are now supplying as a decorative finished product into the Australian market.

Our low emission particleboard is suitable for use in all Green Star Rated architectural designs to enhance the overall environmental performance of building and construction.



D. & R. Henderson PTY LIMITED

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Product Specifications

Standard Particleboard

Property	Specification	Units	Typical Value
Moisture Content	5 to 13	%	7
Density	0.6 – 0.64	g/cm ³	0.62
Formaldehyde Emission	<0.5	Mg/L	0.45
MOR in Normal Conditions	>13	N/mm ²	18
MDE in Normal Conditions	>2500	N/mm ²	2800
Internal Bond Strength	>0.2	N/mm ²	0.550
Screw Holding – Face	>400	N	550

Industry Name	Japanese Name	Released Formaldehyde
E0	F-3 Star	< 0.5 mg/L ***

*** As rated in the approved desiccator test.

Products Available

Thickness	Board Size (mm)
18mm	3600 x 1800
25mm	3600 x 1800

- Minimum order quantities apply

