



Ultra Low Emission (EO) 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 ensure 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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SUBSTRATE PROPERTIES

(Typical physical properties when tested to AS/NZS 1859.1)

	UNIT	EO - Moisture Resistant Particleboard (MF3)		
		18mm	25mm	33mm
Moisture Content	%	6.5	6.5	6.5
Board Density	Kg/m ³	650	650	650
Formaldehyde Emissions	Mg/L	<0.5	<0.5	<0.5
Internal Bond	N/mm ²	0.45	0.4	0.4
Bending Strength (MOR)	N/mm ²	15	14	14
Bending Stiffness (MOE)	N/mm ²	2500	2500	2500
Screw Holding Face	N	500	500	500
Screw Holding Edge	N	500	500	500
24hr Thickness Swell	%	7	7	7
Weight per m ²	Kg	11.7	16.25	21.45

NOTE: Super EO (F4 Star to JIS A 5908) boards are also available upon request.

FIRE HAZARD INDICES

(Typical values when tested to AS/NZS 1530.3)

Indices	Result	Range
Ignitability	13-14	0-20
Spread Of Flame	6	0-10
Heat Evolved	6-7	0-10
Smoke Developed	3	0-10

Products Available

Thickness	Board Size (mm)
18mm	3600 x 1800
25mm	3600 x 1800
33mm	3600 x 1800

*Minimum order quantities applies



JIS
 Japanese Industry Standard
 (Certification I.D. No. WP AU 03 01)

