

Mechanical properties for Customwood MR SE0 SuperFinish

Moisture content range: 5 to 10% od

Formaldehyde emissions (desiccator method)		Super EO Panels ≤ 0.3 mg/litre									
Thickness (mm)	Density Range (kg/m ³)	Internal Bond (MPa)		MOR (MPa)		Thickness Swell 24 hrs (%)		MOE (MPa)		WET MOR (MPa)	
		Customwood typical	AS/NZS 1859.2:2004 minimum	Customwood typical	AS/NZS 1859.2:2004 minimum	Customwood Typical	AS/NZS 1859.2:2004 maximum	Customwood typical	AS/NZS 1859.2:2004 minimum	Customwood typical	AS/NZS 1859.2:2004 minimum
12	675 - 750	1.40	0.60	35	28	8.0	12.0	3000	2400	7	6
18		1.30	0.50	38	26	4.0	9.0	3100	2000	6	5
25	650 - 750	1.20	0.45	35	23	3.8	9.0	3000	1800	5	4

Mechanical properties for Customwood MR E0

Moisture content range: 5 to 10% od

Formaldehyde emissions (desiccator method)		EO Panels ≤ 0.5 mg/litre									
Thickness (mm)	Density Range (kg/m ³)	Internal Bond (MPa)		MOR (MPa)		Thickness Swell 24 hrs (%)		MOE (MPa)		WET MOR (MPa)	
		Customwood typical	AS/NZS 1859.2:2004 minimum	Customwood typical	AS/NZS 1859.2:2004 minimum	Customwood Typical	AS/NZS 1859.2:2004 maximum	Customwood typical	AS/NZS 1859.2:2004 minimum	Customwood typical	AS/NZS 1859.2:2004 minimum
9	675 - 750	1.40	0.60	35	28	10.0	12.0	3000	2400	7	6
16		1.20	0.50	36	26	5.0	9.0	2900	2000	6	5
18		1.20	0.50	38	26	4.5	9.0	3100	2000	6	5
30	560 - 650	1.00	0.45	32	23	3.8	9.0	2600	1800	5	4

Comparative Charts

Customwood MR E0

Customwood SuperFinish MR SE0

Formaldehyde Emission	E0 according to AS/NZ Standard, less than 0.5 mg/litre	Super E0, less than 0.3 mg/litre comparable only to Japanese Industrial Standard F4S and USA California regulations for ultralow emission panels.
Mechanical Properties	Excellent, very strong panel compliant to AS/NZ Standard for general purpose MR MDF	Excellent, very strong panel compliant to AS/NZ Standard for general purpose MR MDF
Face Density	Very Good	Very Good - Excellent
Core Density & Machinability	Very Good	Excellent
Surface Finish	Good	Excellent
Fit-for-Purpose	General non-load bearing applications in dry or humid interior conditions. Excellent machinability and strength	General non-load bearing applications in dry or humid interior conditions. Excellent machinability and strength. Superior paint finish on faces and edges.

Table of dimensional tolerance for all Customwood MDF Panels

Dimension	Customwood typical	AS/NZS 1859.2:2004 tolerances
Thickness (mm)	+/- 0.15	+/- 0.2
Length & Width (mm)	+/- 2.0	+/- 5.0
Diagonal difference (mm)	3.0	NA

SuperFinish

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SuperFinish



Introducing our new range of superior finish MDF products.

Building on our reputation as New Zealand's most innovative manufacturer of MDF we now offer our latest product - Customwood SuperFinish.

Representing a major step forward in high-end MDF production, SuperFinish is designed specifically for applications requiring super-high-gloss, blemish-free paint finishes on all edges and surfaces, excellent machinability and good cost efficiencies.

Also available MR E0 Board

Offering the same standard of manufacture, our new MR E0 board has been designed to give maximum machinability for those that do not require the finish quality of SuperFinish.

MR E0 Board offers:

- Excellent mechanical properties, including moisture resistance (in line with Standard AS NZS1859.2:2004)
- Balanced density profile and very good machinability
- Low levels of formaldehyde emission

Sustainability



Concern about the destruction of the world's indigenous forests inspired the establishment in 1976 of the medium density fibreboard (MDF) plant now owned and operated by Daiken New Zealand.

Today the plant's impressive environmental credentials continue to reflect our focus on sustainable, environmentally sound process.



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