

SuperFinish

MR/SEO

Customwood[®] SuperFinish is our "Eco friendly" range of superior MDF products.



featuring ...

- Minimal Formaldehyde Emission (SEO)
- Supreme Surface Finish
- Excellent Machinability

Customwood® SuperFinish

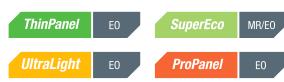
This range builds on our reputation as New Zealand's most innovative manufacturer of MDF and represents a major step forward in high-end MDF production. **Customwood® SuperFinish** is designed specifically for applications requiring super-high-gloss, blemish-free paint finishes on all edges and surfaces, excellent machinability and good cost efficiencies.

- Minimal Formaldehyde Emission (SEO)
- Super high gloss and blemish- free paint
- finish on all edges and surfacesSupreme Surface Finish
- Excellent Machinability

As the lowest-emission fibreboard product on the global market, it also provides healthier environmental conditions – **Customwood® SuperFinish** is not only compliant to the EO NZ/AUS standard, but is also compliant to F4Star, the stricter JIS (Japanese Industrial Standard).

Customwood® SuperFinish is used wherever a high gloss, presentation finish is requires in areas such as, kitchens, reception areas, restaurants, shops and showrooms and it is also used extensively for mouldings and pattern-matching due to its superior machinability when routing into the panel.

Customwood[®] also available...



This product information is only applicable to the New Zealand market, other countries please contact us for further information.



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R Customwood **Standard specifications**

SuperFinish

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Applicable to New Zealand market	ThinPanel (EO)					ProPanel (EO)							Panel 0)	Supe (MR	SuperFinish (MR/SEO)				
Formaldehyde Emissions	E0 (≤ 0.5mg/litre) AS/NZ Standard test 4266.16												E0 (≤ 0.5mg/litre) AS/NZ Standard test 4266.16		SEO (< 0.3mg/litre) Comparable to JIS F★★★★, and USA California regulations for ultralow emission panels.				
Mechanical Properties	Good, compliant to AS/NZS Standard for STD general purpose MDF														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	Good														Very good		Excellent		
Core Density and Machinability	Good													Very good		Excellent			
Surface Finish	Good													Very good		Excellent			
Fit-for-purpose	General non-load applications in dry interior conditions												General non-load applications in dry or humid interior conditions. Excellent machinability and strength.		General non-load applications in dry or humid interior conditions. Excellent machinability and strength. Superior paint finish on faces and edges.				
Thickness (mm)	3	4	4.75	6	9	12	15	16	18	25	30	16	18	16	18	12	18	25	
Sheet Size (mm)	Please see size sheets																		
Density (kg/m³)	735-850					650-750						50-65	0	675-750				650- 730	
Weight Per Area* (kg/m²)	2.3	3.2	3.7	4.8	6.5	8.6	10.7	11.4	12.2	16.5	18	9.6	10.8	11.6	13.1	8.8	13.1	17.5	
Internal Bond* (MPa)	1.4					0.9			0.8	0.65 0.8		1.3	20	1.40	1.30	1.20			
MOR* (MPa)	36	36 40		32	35	33	3	5	29		25		35	38	35	38	30		
Thickness Swell 24 Hours*(%)	26	2	24	18	13	10		8	6.5	5	4.5	9	8	6	5.5	8	5	4.5	
MOE* (MPa)	3500 3300				2600 3000 2800 2500 2400								3000			3100	2400		
Wet MOR* (MPa)	NA											6	7	8	5				
Thickness Tolerance* (mm)										±0.15									
Length and Width Tolerance* (mm)										±2.0									
Diagonals Difference Tolerance** (mm)										±3.0									
Bow Measurement Tolerance** (mm/m)	N/A							3.0						3.0		N/A	N/A 3.0		
Moisture Content Range**	5-13%																		
Bracing Ratings	P2	1 testir	ng repo	rt by B	RANZ	is avai	lable. F	Please	contac	: Daike	n Cust	omer S	Service	for details	s and a co	py of t	he rep	ort.	
Fire Classification NZBC C/VM2	Fi	ire Test	Repor	t by BF	RANZ	s avail	able. P	lease c	ontact	Daiker	n Custo	mer Se	ervice	for details	and a cop	by of th	e repo	vrt.	

Typical value of Customwood® measured at DNZ testing facilities. Daiken New Zealand guarantee that Customwood® should meet the minimum specifications on the properties described by AS/NZA 1859.2:2017

** Customwood® specification

Note on dimensional stability: MDF is made of wood and moisture is always present in wood. Furthermore, moisture will enter Note on dimensional stability: MDF is made of wood and moisture is always present in wood. Furthermore, moisture will enter or leave wood products depending on environmental conditions like air temperature and relative humidity. As moisture enters or leaves, wood product properties and dimensions will change. Appropriate design and storage measures have to be taken to minimise MDF exposure to ambient changes and subsequent changes in dimensions and properties. In general, the impact of moisture changes in panel properties is minimal if the air relative humidity is maintained between 50% and 80%. In general, panels will exposed to ambient air with more than 65% RH and will shrink (up to 3mm/m) if exposed to ambient air with less than 65% RH.













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