



MDF

Ultralight

**Approximately
25% less dense
than MDF**

Light, bright Southland pine is chosen from renewable plantation forests to provide finest quality raw material for MDF (Medium Density Fibreboard). A superbly smooth finish, uniform density and a finely textured complexion result in a range of MDF products for all your uses. Available on request as FSC® certified to ensure that your product is from a sustainable source, we also make products which comply with ULEF, CARB Phase2, EPA TSCA Title VI and LEED criteria. For the USA market our products meet CWSS standards for environmentally responsible manufacturing.

Created by a highly sophisticated, technologically efficient MDF manufacturing process, MDF can be delivered to you worldwide through any of our sales offices.

We invite you to work with our MDF. Cut it, shape it, and make it your own. And when the opportunity arises, tell us what you think, Your input matters to us and is a vital element in our manufacturing process.

MDF – Ultra Light

MDF-UltraLight has been produced with an average density that is approximately 30% lighter than MDF product. Panels can be laminated and machined, however these operations do require more care in order to produce a high quality result. MDF-UltraLight is suitable for interior applications where weight of the finished assembly is an important consideration. Caravan and mobile home fittings are good applications for MDF-UltraLight. Try MDF-UltraLight as a substrate for overlaid benchtops either as a single thickness panel or in multiple laminated panels to give the desired bulk. It is available in thicknesses from 9mm to 36mm (0.35 in to 1.42 in).

Contact your local sales office for further information.

MDF – Ultralight Aim Properties when tested to JIS A 5905

MDF Ultralight

For further specifications
and production information
please visit

www.daiken-nz.com

Property (Aim)	METRIC	12.00mm	18.00mm	25.00mm	30.00mm	36.00mm
Density	kg/m ³	540	540	540	540	540
Internal Bond	MPa	0.5	0.5	0.5	0.5	0.5
Moisture Content	%	6	6	6	6.5	6.5
Thickness Swell	%	12	8	6	6	6
MOE	MPa	2200	2200	2200	2400	2400
MOR	MPa	15	15	15	15	15

Property (Aim)	IMPERIAL	0.472 in	0.709 in	0.984 in	1.181 in	1.417 in
Density	lb/ft ³	33	33	33	33	33
Internal Bond	lb/in ²	72.5	72.5	72.5	72.5	72.5
Moisture Content	%	6	6	6	6.5	6.5
Thickness Swell	%	12	8	6	6	6
MOE	lb/in ²	319000	319000	319000	348000	348000
MOR	lb/in ²	2175	2175	2175	2175	2175

GENERAL TOLERANCES	
Length/Width	+/- 2 mm (+/- 0.079 in)
Thickness Tolerance	+/- 0.15 mm (0.006 in)
Straightness	1.125 mm/m (0.015 in/ft)
Squareness	<1.5 mm/m (<0.018 in/ft)
Sanding grit	180

NOTE: These values represent typical values and are guidelines only. Please note that Daiken Southland Limited reserve the right to change product specifications without notice. For the most recent specifications, please visit our website: www.daiken-nz.com

All Daiken Southland Limited production meets ISO9001 international standard, and the Daiken Southland Limited environment is managed according to ISO14001 international environmental management systems standard. This embodies our commitment to pursuing a path of continual improvement in environmental management.



Quality
ISO 9001



Environment
ISO 14001



Health & Safety
ISO 45001



The mark of
responsible forestry



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