



# MDF

## Light

**Up to 10%  
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 - Light**

MDF-Light is low-density fibreboard that will perform well in situations where a lightweight end product is desired. It is similar in density to many species of timber used for commercial applications and it is easy to work with. With an average density approximately 10% lighter than standard MDF, machine-tool blades will last longer, and shipping weights are reduced.

Available in thicknesses from 7 to 30 mm, MDF-Light is suitable for interior fittings such as doors and wall linings. It can also be used for more creative applications, such as furniture, shop-fittings, interior signage and toys. The lighter tone of MDF-Light makes it a natural choice for laminating with white or light-coloured overlays.

Contact your local sales office for further information.

# MDF – Light Aim Properties when tested to JIS A 5905

## MDF Light

For further specifications and production information please visit

[www.daiken-nz.com](http://www.daiken-nz.com)

PROPERTY	METRIC	9.00mm	15.00mm	25.00mm
Density	kg/m <sup>3</sup>	620	600	600
Weight	Kg/m <sup>2</sup>	5.6	9.0	15.0
Panels	Per Pack	94	56	34
Internal Bond	MPa	0.75	0.65	0.6
Moisture Content	%	7.0	7.0	7.0
Thickness Swell	%	15	8	6
MOE	MPa	3000	2600	2600
MOR	MPa	25	25	25

PROPERTY	IMPERIAL	0.354"	0.591"	0.984"
Density	lb/ft <sup>3</sup>	39	37	37
Weight	lb/ft <sup>2</sup>	1.1	1.8	3.1
Panels	Per Pack	94	56	34
Internal Bond	lb/in <sup>2</sup>	109	95	87
Moisture Content	%	7.0	7.0	7.0
Thickness Swell	%	15	8	6
MOE	lb/in <sup>2</sup>	435000	377000	377000
MOR	lb/in <sup>2</sup>	3625	3625	3625

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](http://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.

### Daiken Southland Limited

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