

# MDF

FSC®

## Chain of custody Certified Wood Source



We proudly bring you MDF-FSC® where the panel fibre has been sourced from well-managed and sustainable forests. The full range of MDF products can be made to meet Scientific Certification Systems (SCS) Independent certification and also provide an opportunity for LEED credits under Materials and Resources Section (7.0). Our MDF-FSC® has been independently certified by Scientific Certification Systems (SCS) in accordance with the rules of the Forest Stewardship Council A.C. (FSC®). Our Chain-Of-Custody Certificate reference SCS-COC-000383, and our Controlled Wood reference is SCS-CW-000383.

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 CARB Phase2, EPA TSCA Title VI and LEED criteria.

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.

Depending on your specific requirements, we can provide our full range of products with either a mix of FSC® wood fibre or 100% content wood fibre from controlled wood forests, allowing you the confidence that your selection of raw materials will satisfy your environmentally designed project.

### LEED Credits

For a LEED Credit opportunity, request 100% FSC® certified wood (Materials and Resources Section 7.0).

### Low Formaldehyde

Our standard density MDF products are also available with low formaldehyde emissions, to meet the Japanese JIS A 5905 F★★★ (F Three Star) and F★★★★ (F Four Star) standard. We can provide products which meet Phase 2 CARB emission standards. Other emission levels can be obtained to meet a range of formaldehyde emission requirements, just ask your Sales Representative.

# MDF – FSC® Aim Properties when tested to JIS A 5905

**MDF**  
FSC®

For further specifications  
and production information  
please visit

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

| PROPERTY         | METRIC            | 2.5-6.0mm | 7.0-9.0mm | 15.00mm | 25.00mm |
|------------------|-------------------|-----------|-----------|---------|---------|
| Density          | kg/m <sup>3</sup> | 790       | 750       | 730     | 730     |
| Weight           | Kg/m <sup>2</sup> | 3.7       | 6.8       | 11.0    | 18.3    |
| Panels           | Per Pack          | various   | 94        | 56      | 34      |
| Internal Bond    | MPa               | 1.2       | 0.9       | 0.9     | 0.8     |
| Moisture Content | %                 | 7.0       | 7.0       | 7.0     | 7.0     |
| Thickness Swell  | %                 | 30        | 20        | 9       | 7       |
| MOE              | MPa               | 3700      | 3600      | 3500    | 3500    |
| MOR              | MPa               | 30        | 30        | 30      | 30      |

| PROPERTY         | IMPERIAL           | 0.098 - 0.236" | 0.276-0.354" | 0.591" | 0.984" |
|------------------|--------------------|----------------|--------------|--------|--------|
| Density          | lb/ft <sup>3</sup> | 49             | 47           | 46     | 46     |
| Weight           | lb/ft <sup>2</sup> | 0.7            | 1.4          | 2.2    | 3.7    |
| Panels           | Per Pack           | various        | 94           | 56     | 34     |
| Internal Bond    | lb/in <sup>2</sup> | 175            | 131          | 131    | 116    |
| Moisture Content | %                  | 7.0            | 7.0          | 7.0    | 7.0    |
| Thickness Swell  | %                  | 30             | 20           | 9      | 7      |
| MOE              | lb/in <sup>2</sup> | 536500         | 522000       | 507500 | 507500 |
| MOR              | lb/in <sup>2</sup> | 4350           | 4350         | 4350   | 4350   |

| 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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