

MDF

imported medium density fiberboard

Features & Benefits

- Manufactured in Rangiora, New Zealand from sustainable Radiata Pine plantation forests in close proximity to the mill
- The Rangiora mill is fully accredited under ISO9001
- Consistent quality, smooth surface, light color and excellent dimensional stability
- Cuts and routs smoothly, minimizes toolwear
- FSC Certified products available upon request
- The formaldehyde emissions from Customwood are certified by various organizations and meet the most stringent worldwide standards, including:
 - Japanese F-4 Star on formaldehyde emissions
 - European E-1 standard (E-0 compliant panels available upon request)
 - CARB ATCM 93120 Phase 1 Certified by AsureQuality Ltd. TPC-5

Mill Capabilities

- Ultralight MDF available in 4' width, lengths from 8' - 16' and thicknesses ranging from 6mm - 30mm
- Thin MDF available in 4' and 5' widths, lengths from 6' - 16' and thicknesses ranging from 2.5 mm - 3.9 mm
- Minimum order may be required for some sizes

Handling & Installation

- Store indoors on a flat, level surface with adequate support to prevent sagging.
- Readily accepts and holds hardware including staples, screws and other fasteners.
- For best results, condition to the environment 48-72 hours prior to installation.

Ideal Applications

Customwood Ultralight and Thin MDF are highly regarded in applications where consistent quality, smooth surface and light color are important. It is a homogenous panel using only plantation Radiata Pine.

- Laminating
- Furniture
- Veneer
- Plywood
- Millwork
- Mouldings
- Doors

CUSTOMWOOD Ultralight & THIN MDF

SierraPine is proud to be the exclusive North American agent for Customwood Ultralight and Thin MDF. Customwood MDF products from 100% Radiata Pine offer excellent dimensional stability, light color and strength. SierraPine offers these high quality imported MDF products widely throughout the United States in a variety of thicknesses.

Technical Data	Imperial	Metric
Thickness Tolerance	±0.008 inch	±0.2 mm
Length/Width Tolerance	±0.079 inch	±2 mm
Squareness Tolerance	±0.079 inch	±2 mm
Flame Spread Rating	Class 3 (C)	
Formaldehyde Emissions	≤0.21 ppm	

Ultralight (based on 12mm-25mm panel averages)

Density	32 lb/ft ³	520 kg/m ³
Internal Bond	80 lb/in ²	0.55 N/mm ²
Modulus of Rupture	3,480 lb/in ²	24 N/mm ²
Modulus of Elasticity	290,000-348,000 lb/in ²	1,998-2,398 N/mm ²
Moisture Content	7.5% od	

Thin MDF (based on 3mm panel average)

Density	50 lb/ft ³	800 kg/m ³
Internal Bond	203 lb/in ²	1.4 N/mm ²
Modulus of Rupture	5,221 lb/in ²	36 N/mm ²



ISO 9001



Warning: Customwood MDF contains low fuming urea formaldehyde resin and may release formaldehyde vapors in low concentrations. Formaldehyde vapors can be potentially irritating to the eyes and upper respiratory system. It should not be used in enclosed areas where formaldehyde could be a problem unless properly sealed. Information on effective sealing methods and materials is available from SierraPine.

800-676-3339

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COMPOSITE SOLUTIONS

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