

MDF

medium density fiberboard

SierraPine MDF

produced in
Rocklin, California

Features & Benefits

- Recent completion of a significant investment in state-of-the-art refining and blending technology
- MDF product for critical 3D applications - rivals all premium MDF products on the market
- Readily accepts all coatings and decorative surfaces
- Central location allows quick shipment to major markets
- Specialization in thick MDF products
- CARB ATCM 93120 Phase 1 Certified
- FSC certified panels available upon request

Mill Capabilities

- Available in sizes up to 5' wide by 18' lengths
- Thicknesses ranging from 7/16" to 2+1/4"
- Extensive & precise cut-to-size capability
- Stile and rail components for door, furniture & millwork industries
- Cut stock for mouldings
- Low density for weight sensitive applications

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
- Not suitable for use in external or structural applications or in areas where moisture is a concern
- For best results, condition to the environment 48-72 hours prior to installation

Ideal Applications

- Door Components
- Raised Panel Doors
- Cabinet & Furniture Components
- Work Surfaces
- Millwork & Store Fixtures
- Architectural Moulding & Trim

SierraPine MDF produced at our Rocklin, CA operation is one of the most versatile product lines in the composite panel industry. The special combination of selected western pine and other softwoods with new refining technology provides a highly machinable product with a high core density for the most demanding applications. With the added ability to cut precision parts to tolerances within 0.005" and offering panels ranging in thickness from 7/16" to 2+1/4", there is a SierraPine MDF product to meet your every need.

| Technical Data | Imperial | Metric |
|------------------------|----------------------------|-------------------------|
| Density | 46 lb/ft ³ | 737 kg/m ³ |
| Internal Bond | 90 lb/in ² | 0.62 N/mm ² |
| Modulus of Rupture | 3,200 lb/in ² | 22.06 N/mm ² |
| Modulus of Elasticity | 320,000 lb/in ² | 2,206 N/mm ² |
| Modulus of Hardness | 1,000 lbs | 4,448 N Janka Ball |
| Screw Holding, Face | 240 lbs | 1,068 N |
| Screw Holding, Edge | 200 lbs | 890 N |
| Thickness Tolerance | ±0.005 inch | ±0.127 mm |
| Length/Width Tolerance | ±0.080 inch | ±2.032 mm |
| Squareness Tolerance | ±0.036 in/ft | ±3.0 mm/m |
| Flame Spread Rating | Class C (3) | |
| Moisture Content | 5% | |
| Formaldehyde Emissions | ≤0.21 ppm | |

Average physical properties for 3/4" panel when tested in accordance with ASTM D1037. Specific design applications and technical data are available upon request. Emissions tested in accordance with ASTM E-1333.



Potential of 5 LEED® Credits Supported

Materials & Resources: 4.1, 4.2, 5.1, 5.2, 7



FSC Certified (Mixed Credit)

Cert no. SCS-COC-001409
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SCS Certified

Post-Industrial Recycled Wood Fiber



EPP Certified

Specification CPA EPPS 3-08
California ARB Approved Third Party Certifier TPC-1

Warning: SierraPine MDF contains formaldehyde which may cause health problems including eye and respiratory irritation and may aggravate respiratory conditions or allergies. 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.

SierraPine
COMPOSITE SOLUTIONS

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