

MDF

medium density fiberboard

Features & Benefits

- FSC certified panels available upon request
- Specify Medite 3D for enhanced machinability
- CARB ATCM 93120 Phase 1 Certified

Mill Capabilities

Available in panel sizes: 4'x6', 8', 10' & 5'x6', 8', 10' (minimum order may be required for some sizes)

How to Specify

Specify Medite or Medite 3D, industrial grade medium density fiberboard (MDF) which meets the requirements of ANSI A208.2.

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
- Medite & Medite 3D are 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

medite®

Because of its unparalleled hard, smooth surface, Medite easily accepts many finishes including paint, varnish, lacquer, UV-fills, laminates and foils. Panels are available in thicknesses ranging from 1/4" to 1+1/4".

Strength and machinability make Medite the right choice for fabrication and precision parts:

- Furniture
- Cabinets
- Stereo Speakers
- Door Parts
- Store Fixtures
- Toys & Musical Instruments

medite 3D

Engineered for demanding three dimensional applications, Medite 3D is the superior choice for multi-level machining applications:

- Moulding
- Raised Panel Doors
- Door & Drawer Fronts
- Display Panels
- Furniture

Panels are available in thicknesses ranging from 1/2" to 1+1/4"

medite® medite® 3D

SierraPine Medite® and Medite® 3D brands produced in Medford, OR are manufactured from 100% post-industrial recycled wood residuals. These products meet the requirements of ANSI A208.2 and are engineered for a wide range of applications. For decades the Medite brand has been recognized globally for quality and consistency in MDF. Medite and Medite 3D are widely distributed throughout North America.

Technical Data	Medite	Medite 3D
Density	48 lb/ft ³	48 lb/ft ³
Internal Bond	115 lb/in ²	130 lb/in ²
Modulus of Rupture	5,200 lb/in ²	4,300 lb/in ²
Modulus of Elasticity	520,000 lb/in ²	430,000 lb/in ²
Modulus of Hardness	1,150 lbs Janka ball	1,000 lbs
Screw Holding, Face	325 lbs	300 lbs
Screw Holding, Edge	250 lbs	250 lbs
Thickness Tolerance	±0.005 inch	±0.005 inch
Flame Spread Rating	Class C (3)	Class C (3)
Moisture Content	6%	6%
Thickness Swell	5%	5%
Linear Expansion	0.24%	0.27%
Formaldehyde Emissions	≤0.21 ppm	≤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 Medite and Medite 3D MDF contain 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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