

Features & Benefits

- Formaldehyde-free adhesive system
- Exceeds standard MDF physical properties
- Available in higher densities with a minimum order requirement
- Uniform density product available for multi-level machining and powder coating
- FSC certified panels available upon request

Mill Capabilities

- Panels available in 4' and 5' widths and lengths up to 18' (minimum order may be required for some sizes)
- Thicknesses ranging from 3/8" - 1+1/4"

Handling & Installation

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

How to Specify

Industrial Grade Medium Density Fiberboard (MDF), manufactured with a formaldehyde-free adhesive system which meets the requirements of ANSI A208.2, Grade 150.

Finished Product Options

SierraPine manufactures over 500 different pre-primed, profiled, lineal mouldings from Medite® II substrates. Ask your SierraPine sales representative for more information.

Limitations

Medite® II is not suitable for structural or exterior applications.

Ideal Applications

- LEED® Projects
- Architectural Woodwork
- Cabinetry
- Wall Panels
- Moulding
- Display Cases

Medite® II is a sustainable medium density fiberboard (MDF) panel utilizing a formaldehyde-free adhesive system and 100% post-industrial recycled wood fiber. Medite® II is engineered for non-structural applications and can be used in place of sanded plywood and solid wood for applications where higher physical properties are needed. This panel provides the flexibility of a superior composite panel with the emissions of lumber and other grain wood products. Medite® II has been specified in hundreds of commercial, institutional and conservator projects for nearly 20 years.

Technical Data	Imperial	Metric
Density	48 lb/ft ³	769 kg/m ³
Internal Bond	150 lb/in ²	1.03 N/mm ²
Modulus of Rupture	5,500 lb/in ²	37.90 N/mm ²
Modulus of Elasticity	550,000 lb/in ²	3,790 N/mm ²
Modulus of Hardness	1,150 lbs, Janka ball	5,115 N
Screw Holding, Face	350 lbs	1,557 N
Screw Holding, Edge	275 lbs	1,223 N
Thickness Tolerance	± 0.005 inch	±0.127 mm
Thickness Swell		3.5%
Linear Expansion		0.27%
Water Absorption		6.5%
Flame Spread Rating		Class C (3)
Moisture Content		4 - 6%
Formaldehyde Emissions		as low as 0.01 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.

**Potential of 6 LEED® Credits Supported**

Materials & Resources: 4.1, 4.2, 5.1, 5.2, 7
Indoor Environmental Quality: 4.4

**FSC Certified (Mixed Credit)**

Cert no. SCS-COC-001409
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**SCS Certified**

Post-Industrial Recycled Wood Fiber
No-Added Formaldehyde

**CHPS Compliant**

Meets Materials Specifications for VOC emissions section 01350

**EPP Certified**

Composite Panel Association
Environmentally Preferable Product

SierraPine
COMPOSITE SOLUTIONS

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