

**ROSEBURG PROUDLY**

*Presents*

The most technically diverse line of MDF products in North America. From moisture resistant to flame retardant to no-added formaldehyde, Roseburg has an MDF panel to suit your every need. Working on a LEED® Project? You'll be pleased to know that all of Roseburg MDF may contribute to points for Materials & Resources - Recycled Content. In addition, we have a line of Sustainable Design Fiberboard products that contribute to Indoor Environmental Quality points due to our manufacturing process that uses a formaldehyde free binder system.

*arreis*®

**medite® II**

**medex®**

medite FR®

**medite®**

**medite® 3D**

**PermaCore®**

**Features & Benefits**

- Awarded CARB NAF Exemption due to synthetic resin system
- Exceeds standard MDF physical properties
- Meets physical properties of ANSI A208.2-2009 Grade 155 MR 30
- 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'
- Thicknesses ranging from 1/4" - 1-1/2"
- Minimum order may be required for some sizes and thicknesses

**Handling & Installation**

- Store indoors on a flat, level surface with adequate support to prevent sagging
- Refer to Architectural Woodwork Standards (AWS) for fabrication and installation procedures.
- 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 synthetic resin system which meets the physical properties of ANSI A208.2-2009, Grade 155.

**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 synthetic resin system and pre-consumer 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 than standard MDF 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 since the 1980s. Manufactured in Medford, OR.

Technical Data	Imperial	Metric
Density	47 lb/ft <sup>3</sup>	753 kg/m <sup>3</sup>
Internal Bond	170 lb/in <sup>2</sup>	1.17 N/mm <sup>2</sup>
Modulus of Rupture	4,500 lb/in <sup>2</sup>	34.45 N/mm <sup>2</sup>
Modulus of Elasticity	450,000 lb/in <sup>2</sup>	3,790 N/mm <sup>2</sup>
Modulus of Hardness	1,050 lbs Janka ball	4.670 N
Screw Holding, Face	300 lbs	1,334 N
Screw Holding, Edge	250 lbs	1,110 N
Thickness Tolerance	± 0.005 inch	±0.127 mm
Thickness Swell	4.5%	
Linear Expansion	0.27%	
Water Absorption	8%	
Flame Spread Rating	Class 3 (C)	
Moisture Content	4 - 6%	
Formaldehyde Emissions	as low as 0.01 ppm	

Average physical properties for 3/4" panel, based on a 5 panel average, when tested in accordance with ASTM D1037. Emissions tested in accordance with ASTM E-1333. Specific design applications, and technical data are available upon request.



**SCS Certified**  
92% Pre-Consumer  
Recycled Content

**LEED® 2009 Credits Supported**  
Materials & Resources: 4, 5, 7  
Indoor Environmental Quality: 4.4



**FSC-C017580**  
The mark of responsible  
forestry  
(Available upon request)

**LEED® v4 Credits Supported**  
Indoor Environmental Quality -  
Low-Emitting Materials: Composite  
Wood Evaluation  
Materials & Resources -  
Building Product Disclosure  
and Optimization  
- Sourcing of Raw Materials  
- Material Ingredients  
- Environmental Product Declaration



**ECC Certified**  
Specification CPA ECC 4-11  
CARB Third Party Certifier TPC-1

**CHPS Certified**  
Meets Materials Specifications for  
VOC emissions section 01350



**SCS Validation**  
No Added Formaldehyde

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