

# Medite® II

## MDF

MEDFORD, OR

### TECHNICAL DATA

<b>Widths*</b>	4 & 5 ft	1.22 & 1.52 m
<b>Lengths*</b>	up to 18 ft	up to 5.49 m
<b>Thicknesses**</b>	1/4 - 1-1/2 in	6.35 - 38.10 mm
<b>Density</b>	47 lbs/ft <sup>3</sup>	753 kg/m <sup>3</sup>
<b>Internal Bond</b>	170 psi	1.17 N/mm <sup>2</sup>
<b>Modulus of Rupture/MOR</b>	4,500 psi	31.0 N/mm <sup>2</sup>
<b>Modulus of Elasticity/MOE</b>	450,000 psi	3,103 N/mm <sup>2</sup>
<b>Hardness/MOH</b>	1,050 lbs	4,671 N
<b>Screw Holding – Face***</b>	300 lbf	1,334 N
<b>Screw Holding – Edge***</b>	250 lbf	1,112 N
<b>Thickness Swell</b>	3.5%	
<b>Linear Expansion</b>	0.25%	
<b>Moisture Content</b>	4 - 6%	
<b>Flame Spread Rating</b>	Class C (3)	
<b>Dimensional Tolerances:</b>		
Length/Width	±0.080 in	±2.0 mm
Squareness	±0.036 in/ft	±3.0 mm/m
Thickness – panel average from specified	±0.005 in	±0.125 mm
Thickness – variance from panel average	±0.005 in	±0.125 mm

Values represent averages for 3/4" panels. Physical properties may vary by thickness. All mechanical properties are tested in accordance with ASTM D1037.

Customer-specified grades are available by request and subject to minimum order quantities.

\*Actual length and width panel dimensions are one inch longer than stated size

\*\* Meets MR50 rating available in thicknesses 3/8" and greater. Thicknesses less than 3/8" meet MR30 rating.

\*\*\*Note: panels less than 3/8" are not tested for Screw Holding.

### MEDIUM DENSITY FIBERBOARD

Meets MR50 rating available in thicknesses 3/8" and greater. Thicknesses less than 3/8" meet MR30 rating. Medite® II is manufactured with no added formaldehyde (NAF).

### COMMON APPLICATIONS

- Cabinetry and furniture for high-use areas (schools, hospitals, retail, hospitality, museums)
- Wall cladding and wainscot
- Commercial casework and millwork
- Store fixtures
- Stage flooring



3660 Gateway St, Springfield, OR 97477  
800.245.1115 | [roseburg.com](http://roseburg.com)



# Medite® II

MDF

MEDFORD, OR

## STANDARDS & CERTIFICATIONS

Roseburg Medite® II MDF is tested and certified to meet or exceed the following standards and certifications.

### Moisture Resistant

- ✓ Meets MR50 requirements in 3/8" and greater thicknesses.

### Formaldehyde Emissions Regulations – Third party certified (TPC-1) to meet the requirements of:

- ✓ EPA Formaldehyde Emission Regulation, TSCA Title VI\*
- ✓ Standards Council of Canada Formaldehyde Emissions Standard for Composite Wood Products – CAN/CSA 0160-16\*
- ✓ California Air Resources Board (CARB) ATCM 93120\*
- ✓ No Added Formaldehyde (NAF) Exempt – N-24-313A\*

### Recycled Content

- ✓ Third-party certified 96.2% pre-consumer recycled content.

### Environmental Product Declaration

- ✓ Type III Product Specific EPD Certified by UL Environment

### Forest Stewardship Council®

- ✓ Scientific Certification Systems Certified (SCS-COC/CW-00300) – FSC-C017580 FSC® Mix and FSC® Controlled Wood - AVAILABLE OPTION\*

### Eco-Certified Composite Grademark Program

- ✓ CPA ECC Sustainability Standard\*

\*Certificates and documentation available at [Roseburg.com](http://Roseburg.com)

## GREEN BUILDING SUPPORT:

For LEED® and other green building support documentation, visit [roseburg.com/product/medite-ii](http://roseburg.com/product/medite-ii)



3660 Gateway St, Springfield, OR 97477  
800.245.1115 | [roseburg.com](http://roseburg.com)



MEDITE II MEDFORD 112224