

# Medite® FR

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>	50 lbs/ft <sup>3</sup>	801 kg/m <sup>3</sup>
<b>Internal Bond</b>	200 psi	1.38 N/mm <sup>2</sup>
<b>Modulus of Rupture/MOR</b>	4,000 psi	27.6 N/mm <sup>2</sup>
<b>Modulus of Elasticity/MOE</b>	500,000 psi	3,447 N/mm <sup>2</sup>
<b>Hardness/MOH</b>	1,200 lbs	5,338 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>	7.0%	
<b>Linear Expansion</b>	0.30%	
<b>Moisture Content</b>	6 - 9%	
<b>Flame Spread Rating</b>	Class A (1)	
<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.

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

## MEDIUM DENSITY FIBERBOARD

MDF panels with certified class A (1) flame spread rating made with no added formaldehyde (NAF).

## COMMON APPLICATIONS

- Elevator wall panels
- Casework and furniture (Class 1 required)
- Airport jetways
- Shopping mall kiosks
- Decorative profiled wall panels

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## STANDARDS & CERTIFICATIONS

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

### 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\*
- ✓ No Added Formaldehyde (NAF) Exempt – N-24-313A\*

### Recycled Content

- ✓ Third-party certified 77.2% 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\*

### ASTM E84 – Standard test method for surface burning characteristics of building materials

- ✓ Guardian Fire Testing Laboratories Certified Class A Rating

ASTM E84 (GL-67515)  
CAN/ULC S102 (GL-49215)  
ASTM E2768 (GL-6-2-17-Y)\*



### 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-fr](http://roseburg.com/product/medite-fr)



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