

Roseburg  
**Medite**<sup>®</sup>  
MDF

MEDIUM DENSITY FIBERBOARD (MDF) PANELS

TECHNICAL DATA	IMPERIAL	METRIC
Widths	4 & 5 ft	1.22 & 1.52 m
Lengths	up to 18 ft	up to 5.49 m
Thicknesses	¼ - 1½ in	6.35 – 38.1 mm
Density	46 lbs/ft <sup>3</sup>	737 kg/m <sup>3</sup>
Internal Bond	160 psi	1.10 Nmm <sup>2</sup>
Modulus of Rupture/MOR	4,000 psi	27.6 Nmm <sup>2</sup>
Modulus of Elasticity/MOE	450,000 psi	3,103 Nmm <sup>2</sup>
Hardness/MOH	950 lbs	4,226 N
Screw Holding – Face	250 lbs	1,112 N
Screw Holding – Edge	200 lbs	890 N
Thickness Swell	5%	
Linear Expansion	0.30%	
Moisture Content	4 - 6%	
Flame Spread Rating	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 target averages for typical 3/4" thickness. Mechanical properties are tested in accordance with ASTM D1037. Customer or ANSI Grade specified products are available by request and subject to minimum order quantities.

## STANDARDS & CERTIFICATIONS

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

<b>ANSI A208.2</b>	
<b>American National Standard – Medium Density Fiberboard (MDF) for Interior Applications</b>	
✓	Meets or exceeds ANSI A208.2 Grade 130
<b>Formaldehyde Emissions Regulations</b>	
<b>Third party certified (TPC-1) to meet the requirements of:</b>	
✓	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*
<b>Recycled Content</b>	
✓	Scientific Certification Systems Certified 92% pre-consumer recycled content (SCS-MC-01584)*
<b>Forest Stewardship Council®</b>	
✓	Scientific Certification Systems Certified (SCS-COC/CW-00300) – FSC-C017580 FSC® Mix and FSC® Controlled Wood - AVAILABLE OPTION*
<b>Eco-Certified Composite Grademark Program</b>	
✓	CPA 4-11 ECC Sustainability Standard*
*Certificates and documentation available at <a href="http://Roseburg.com">Roseburg.com</a>	

## GREEN BUILDING SUPPORT:

For LEED® and other green building support documentation, visit [Roseburg.com/Product/medite/](http://Roseburg.com/Product/medite/)