

Roseburg  
**Medite® II 3D**  
MDF

HIGH DENSITY MDF PANELS WITH SUPERIOR STRENGTH AND MACHINING CAPABILITIES, MADE WITH NO ADDED FORMALDEHYDE (NAF)

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 - 1¼ in	6.35 – 31.8 mm
Density	50 lbs/ft <sup>3</sup>	801 kg/m <sup>3</sup>
Internal Bond	200 psi	1.38 N/mm <sup>2</sup>
Modulus of Rupture/MOR	5,300 psi	36.5 N/mm <sup>2</sup>
Modulus of Elasticity/MOE	530,000 psi	3,654 N/mm <sup>2</sup>
Hardness/MOH	1,050 lbs	4,671 N
Screw Holding – Face	340 lbs	1,512 N
Screw Holding – Edge	320 lbs	1,423 N
Thickness Swell	3.5%	
Linear Expansion	0.27%	
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 II 3D 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 155
✓	Meets grade MR30 moisture resistance
<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*
✓	No Added Formaldehyde (NAF) Exempt - State of CA Executive Order N-18-313*
<b>No Added Formaldehyde</b>	
✓	Scientific Certification Systems Validated (SCS-NAF-01329)*
<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 [Roseburg.com](http://Roseburg.com)

## GREEN BUILDING SUPPORT:

For LEED® and other green building support documentation, visit

[Roseburg.com/Product/medite-ii3D/](http://Roseburg.com/Product/medite-ii3D/)



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