

Roseburg Meditate[®] 3D MDF

MEDIUM DENSITY FIBERBOARD (MDF) PANELS FOR CRITICAL MACHINING

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	45 lbs/ft ³	721 kg/m ³
Internal Bond	180 psi	1.24 Nmm ²
Modulus of Rupture/MOR	3,500 psi	24.1 Nmm ²
Modulus of Elasticity/MOE	350,000 psi	2,413 Nmm ²
Hardness/MOH	1,000 lbs	4,448 N
Screw Holding – Face	275 lbs	1,223 N
Screw Holding – Edge	200 lbs	890 N
Thickness Swell	5.5%	
Linear Expansion	0.30%	
Moisture Content	4 - 8%	
Flame Spread Rating	Class C (3)	
Dimensional Tolerances:		
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 3D MDF is tested and certified to meet or exceed the following standards and certifications.

ANSI A208.2	
American National Standard – Medium Density Fiberboard (MDF) for Interior Applications	
✓	Meets or exceeds ANSI A208.2 Grade 130
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*
Recycled Content	
✓	Scientific Certification Systems Certified 92% pre-consumer recycled content (SCS-MC-01584)*
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 4-11 ECC Sustainability Standard*
*Certificates and documentation available at Roseburg.com	

GREEN BUILDING SUPPORT:

For LEED® and other green building support documentation, visit Roseburg.com/Product/medite-3d/