

Roseburg
Medite® FR
MDF

MEDIUM DENSITY FIBERBOARD (MDF) PANELS WITH CERTIFIED CLASS 1/A FLAME SPREAD RATING 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 - 1½ in	6.35 – 38.1 mm
Density	50 lbs/ft ³	801 kg/m ³
Internal Bond	200 psi	1.38 Nmm ²
Modulus of Rupture/MOR	4,000 psi	27.6 Nmm ²
Modulus of Elasticity/MOE	450,000 psi	3,103 Nmm ²
Hardness/MOH	1,200 lbs	5,338 N
Screw Holding – Face	300 lbs	1,334 N
Screw Holding – Edge	250 lbs	1,112 N
Thickness Swell	7%	
Linear Expansion	0.30%	
Moisture Content	6 - 9%	
Flame Spread Rating	Class A (1)	
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 FR 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*
✓	No Added Formaldehyde (NAF) Exempt - State of CA Executive Order N-18-313*
No Added Formaldehyde	
✓	Scientific Certification Systems Validated (SCS-NAF-01329)*
Recycled Content	
✓	Scientific Certification Systems Certified 82% pre-consumer recycled content (SCS-MC-01093)*
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-60114, GL-67515), CAN/ULC S102 (GL-49215), ASTM E2768 (GL-6-2-17Z)*
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-fr/



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