

Medite® 3D

MDF

MEDFORD, OR

TECHNICAL DATA

Widths*	4 & 5 ft	1.22 & 1.52 m
Lengths*	up to 18 ft	up to 5.49 m
Thicknesses	1/4 – 1-1/2 in	6.35 – 38.10 mm
Density	45 lbs/ft ³	721 kg/m ³
Internal Bond	180 psi	1.24 N/mm ²
Modulus of Rupture/MOR	3,500 psi	24.1 N/mm ²
Modulus of Elasticity/MOE	350,000 psi	2,413 N/mm ²
Hardness/MOH	1,000 lbs	4,448 N
Screw Holding – Face**	250 lbf	1,112 N
Screw Holding – Edge**	225 lbf	1,001 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 averages for 3/4" thick panels. 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 for critical machining.

COMMON APPLICATIONS

- Routed decorative doors
- Decorative embossed wall panels
- Interior mouldings

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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 115

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)*

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*

Eco-Certified Composite Grademark Program

- ✓ CPA 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



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