

Medite® FR

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	50 lbs/ft ³	801 kg/m ³
Internal Bond	200 psi	1.38 N/mm ²
Modulus of Rupture/MOR	4,000 psi	27.6 N/mm ²
Modulus of Elasticity/MOE	500,000 psi	3,447 N/mm ²
Hardness/MOH	1,200 lbs	5,338 N
Screw Holding – Face*	300 lbf	1,334 N
Screw Holding – Edge*	250 lbf	1,112 N
Thickness Swell	7.0%	
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 averages for 3/4" panels. Physical properties may vary by thickness. All mechanical properties are tested in accordance with ASTM D1037.

Customer-specified grades are available by request and subject to minimum order quantities.

*Note: panels less than 3/8" are not tested for Screw Holding.

MEDIUM DENSITY FIBERBOARD

MDF panels with certified class A (1) flame spread rating made with no added formaldehyde (NAF).

COMMON APPLICATIONS

- Elevator wall panels
- Casework and furniture (Class 1 required)
- Airport jetways
- Shopping mall kiosks
- Decorative profiled wall panels

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STANDARDS & CERTIFICATIONS

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

Formaldehyde Emissions Regulations – Third party certified (TPC-1) to meet the requirements of:

- ✓ EPA Formaldehyde Emission Regulation, TSCA Title VI* and California Air Resources Board (CARB) ATCM 93120*
- ✓ Standards Council of Canada Formaldehyde Emissions Standard for Composite Wood Products – CAN/CSA 0160-16*
- ✓ No Added Formaldehyde (NAF) Exempt

Recycled Content

- ✓ Third-party certified 77.2% pre-consumer recycled content.

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*

ASTM E84 – Standard test method for surface burning characteristics of building materials

- ✓ Guardian Fire Testing Laboratories Certified Class A Rating

ASTM E84 (GL-67515)
CAN/ULC S102 (GL-49215)
ASTM E2768 (GL-6-2-17-Y)*



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-fr



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