

Medite® II

MR50 • NAF • 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	47 lbs/ft ³	753 kg/m ³
Internal Bond	170 psi	1.17 N/mm ²
Modulus of Rupture/MOR	4,500 psi	31.0 N/mm ²
Modulus of Elasticity/MOE	450,000 psi	3,103 N/mm ²
Hardness/MOH	1,050 lbs	4,671 N
Screw Holding – Face*	300 lbf	1,334 N
Screw Holding – Edge*	250 lbf	1,112 N
Thickness Swell	4%	
Linear Expansion	0.25%	
Moisture Content	4 - 6%	
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" 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

Medite® II meets MR50 rating in all thicknesses, and is made with no added formaldehyde (NAF).

Medite® II is acceptable for moderate loads and humid and damp environments.

COMMON APPLICATIONS

- Cabinetry and furniture for high-use areas (schools, hospitals, retail, hospitality, museums)
- Wall cladding and wainscot
- Commercial casework and millwork
- Store fixtures
- Stage flooring

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STANDARDS & CERTIFICATIONS

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

Moisture Resistant



Meets MR50 requirements in all thicknesses.

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 96.2% 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*

Eco-Certified Composite Grademark Program



CPA ECC Sustainability Standard*

*Certificates and documentation available at [Roseburg.com](https://www.roseburg.com)

GREEN BUILDING SUPPORT:

For LEED® and other green building support documentation, visit [roseburg.com/product/medite-ii](https://www.roseburg.com/product/medite-ii)



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