

Medite® Premium

MDF

PEMBROKE, ONTARIO

TECHNICAL DATA

Widths*	4, 5 & 6 ft	1.22, 1.52 & 1.83 m
Lengths*	up to 16 ft	up to 4.88 m
Thicknesses	1/4 – 1 in	6.35 – 25.40 mm
Density	45.3 lbs/ft ³	726 kg/m ³
Internal Bond	110 psi	0.76 N/mm ²
Modulus of Rupture/MOR	4,350 psi	30 N/mm ²
Modulus of Elasticity/MOE	507,000 psi	3,500 N/mm ²
Screw Holding – Face**	300 lbf	1,334 N
Screw Holding – Edge**	250 lbf	1,112 N
Thickness Swell	≤ 11.0%	
Linear Expansion	≤ 0.33%	
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. 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

Premium-grade MDF panels with improved strength and machining capabilities.

COMMON APPLICATIONS

- Cabinetry (wood veneer or HPL)
- Furniture
- Signs
- Lamination (TFL or wood veneer)
- Wall cladding/wainscot
- Countertop substrate
- Decorative ceiling panels
- Commercial casework

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STANDARDS & CERTIFICATIONS

Roseburg Medite Premium 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*
- ✓ Standards Council of Canada Formaldehyde Emissions Standard for Composite Wood Products – CAN/CSA 0160-16*
- ✓ California Air Resources Board (CARB) ATCM 93120*

Recycled Content

- ✓ 95% pre-consumer recycled content in accordance with ISO 14021 requirements*

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-premium



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