

Medite® Profile

MDF

EL DORADO, AR • PEMBROKE, ONTARIO

TECHNICAL DATA

	El Dorado		Pembroke
Widths*	4, 5 & 6 ft 1.22, 1.52 & 1.83 m		5 ft 1.52 m
Lengths*	up to 16 ft up to 4.88 m		up to 16 ft up to 4.88 m
Thicknesses	1/2 – 1 in 12.70 – 25.40 mm		0.47 – 1 in 12 – 25.40 mm
	12 mm – 15 mm 0.47 – 0.59 in	15.88 – 25.40 mm 5/8 – 1 in	
Density	42 – 44 lbs/ft ³ 673 – 705 kg/m ³	41 – 43 lbs/ft ³ 657 – 689 kg/m ³	41.20 lbs/ft ³ 660 kg/m ³
Internal Bond	90 psi 0.62 N/mm ²	90 psi 0.62 N/mm ²	90 psi 0.62 N/mm ²
Modulus of Rupture/MOR	4,000 psi 27.20 N/mm ²	4,000 psi 27.20 N/mm ²	4,000 psi 27.60 N/mm ²
Modulus of Elasticity/MOE	450,000 psi 3,103 N/mm ²	450,000 psi 3,103 N/mm ²	450,000 psi 3,103 N/mm ²
Screw Holding – Face**	200 lbf 890 N	200 lbf 890 N	200 lbf 890 N
Screw Holding – Edge**	N/A	175 lbf 778 N	175 lbf 778 N
Thickness Swell	≤ 0.065 in ≤ 1.651 mm	≤ 11.0%	≤ 11.0%
Linear Expansion	≤ 0.33%		
Moisture Content	4 – 6%		
Flame Spread Rating	Class C (3)		
Dimensional Tolerances:			
Length/Width	±0.080 in / ±2.000 mm		
Squareness	±0.036 in/ft / ±3.000 mm/m		
Thickness – panel average from specified	±0.005 in / ±0.125 mm		
Thickness – variance from panel average	±0.005 in / ±0.125 mm		

MEDIUM DENSITY FIBERBOARD

Lightweight medium-density fiberboard (MDF) panels designed for critical machining applications.

COMMON APPLICATIONS

- Wall cladding and wainscot
- Standing and running trim
- Interior mouldings

Values represent averages for noted thickness ranges. 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.

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STANDARDS & CERTIFICATIONS

Roseburg Medite Profile 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*
- ✓ California Air Resources Board (CARB) ATCM 93120*

Recycled Content

- ✓ 80% pre-consumer recycled content*

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-profile



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