

# Medite® Profile

MDF

EL DORADO, AR • PEMBROKE, ONTARIO

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



3660 Gateway St, Springfield, OR 97477  
800.245.1115 | [roseburg.com](http://roseburg.com)



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## STANDARDS & CERTIFICATIONS

Roseburg Medite Profile 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\*
- ✓ 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](http://Roseburg.com)

## GREEN BUILDING SUPPORT:

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



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