

Medite[®]

MDF

EL DORADO, AR • MEDFORD, OR • PEMBROKE, ON

TECHNICAL DATA					
	El Dorado			Medford	Pembroke
Widths*	4 & 5 ft 1.22 & 1.52 m			4 & 5 ft 1.22 & 1.52 m	4, 5 & 6 ft 1.22, 1.52 & 1.83 m
Lengths*	up to 16 ft up to 4.88 m			up to 18 ft up to 5.49 m	up to 16 ft up to 4.88 m
Thicknesses	3/16 – 1-1/8 in 4.76 – 26.81 mm			1/4 – 1-1/2 in 6.35 – 38.10 mm	0.47 – 1 in 12 – 25.40 mm
	3/16 in – 15 mm	5/8 in – 3/4 in	> 3/4 in		
Density	45 – 55 lbs/ft ³ 721 – 881 kg/m ³	45 – 47 lbs/ft ³ 721 – 753 kg/m ³	43 – 45 lbs/ft ³ 689 – 721 kg/m ³	47 lbs/ft ³ 753 kg/m ³	41 lbs/ft ³ 655 kg/m ³
Internal Bond	120 psi 0.82 N/mm ²	95 psi 0.66 N/mm ²	90 psi 0.62 N/mm ²	160 psi 1.10 N/mm ²	85 psi 0.59 N/mm ²
Modulus of Rupture/MOR	4,500 psi 31.00 N/mm ²	4,500 psi 31.00 N/mm ²	4,500 psi 31.00 N/mm ²	3,800 psi 26.20 N/mm ²	3,500 psi 24.10 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	420,000 psi 2,896 N/mm ²	420,000 psi 2,896 N/mm ²
Hardness/MOH				1,000 lbs 4,448 N	
Screw Holding – Face**	275 lbf 1,223 N	275 lbf 1,223 N	275 lbf 1,223 N	225 lbf 1,001 N	250 lbf 1,112 N
Screw Holding – Edge**	N/A	225 lbf 1,001 N	225 lbf 1,001 N	200 lbf 890 N	200 lbf 890 N
Thickness Swell	≤0.065 in ≤1.65 mm	≤11%	≤11%	≤5.00%	≤11.00%
Linear Expansion	≤0.33%			≤0.30%	≤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 avg from specified	±0.005 in / ±0.125 mm				
Thickness – variance from panel avg	±0.005 in / ±0.125 mm				

MEDIUM DENSITY FIBERBOARD

Standard industrial-grade MDF.

COMMON APPLICATIONS

- Cabinetry
- Furniture
- Retail displays
- General lamination (TFL, veneer)
- Wall cladding
- Store fixtures

Values for El Dorado location represent averages for noted thickness ranges. Values for Medford and Pembroke locations represent averages for 3/4" thick 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.

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STANDARDS & CERTIFICATIONS

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

	El Dorado	Medford	Pembroke
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 80% pre-consumer recycled content* 95% pre-consumer recycled content in accordance with ISO 14021 requirements* Scientific Certification Systems Certified 92% pre-consumer recycled content (SCS-MC-01584)*	✓ 	 ✓	 ✓
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

GREEN BUILDING SUPPORT:

For LEED® and other green building support documentation, visit roseburg.com/product/medite



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