

Medex®

MDF

MEDFORD, OR

TECHNICAL DATA	IMPERIAL	METRIC
Widths	4 & 5 ft	1.22 & 1.52 m
Lengths	up to 18 ft	up to 5.49 m
Thicknesses	1/4 – 1-1/4 in	6.35 – 31.8 mm
Density	48 lbs/ft ³	769 kg/m ³
Internal Bond	250 psi	1.72 Nmm ²
Modulus of Rupture/MOR	5,500 psi	37.9 Nmm ²
Modulus of Elasticity/MOE	550,000 psi	3,792 Nmm ²
Hardness/MOH	1,200 lbs	5,338 N
Screw Holding – Face	325 lbs	1,446 N
Screw Holding – Edge	280 lbs	1,245 N
Thickness Swell	3%	
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" thick panels. Mechanical properties are tested in accordance with ASTM D1037.

Customer-specified grades are available by request and subject to minimum order quantities.

MEDIUM DENSITY FIBERBOARD

MDF panels with superior strength and moisture resistance made with no added formaldehyde (NAF).

COMMON APPLICATIONS

- Cabinetry for high-moisture areas
- Furniture
- Lockers
- Retail displays
- Entry doors
- Signs
- Countertop substrate in high-moisture areas
- Wall cladding
- Millwork & trim in high-moisture areas

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STANDARDS & CERTIFICATIONS

Roseburg Medex 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 155
- ✓ Meets grade MR50 moisture resistance
- ✓ Exceeds requirements of ASTM D1037 six cycle accelerated aging test

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*
- ✓ No Added Formaldehyde (NAF) Exempt - State of CA Executive Order N-20-313*

No Added Formaldehyde

- ✓ Scientific Certification Systems Validated (SCS-NAF-01329)*

Recycled Content

- ✓ 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/medex



3660 Gateway St, Springfield, OR 97477
800.245.1115 | roseburg.com



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