

Roseburg  
**Medex**<sup>®</sup>  
MDF

MEDIUM DENSITY FIBERBOARD (MDF) PANELS WITH SUPERIOR STRENGTH AND MOISTURE RESISTANCE, MADE WITH NO ADDED FORMALDEHYDE (NAF)

TECHNICAL DATA	IMPERIAL	METRIC
Widths	4 & 5 ft	1.22 & 1.52 m
Lengths	up to 18 ft	up to 5.49 m
Thicknesses	¼ - 1¼ in	6.35 – 31.8 mm
Density	48 lbs/ft <sup>3</sup>	769 kg/m <sup>3</sup>
Internal Bond	200 psi	1.38 Nmm <sup>2</sup>
Modulus of Rupture/MOR	5,500 psi	37.9 Nmm <sup>2</sup>
Modulus of Elasticity/MOE	600,000 psi	4,137 Nmm <sup>2</sup>
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)	
<b>Dimensional Tolerances:</b>		
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 target averages for typical 3/4" thickness. Mechanical properties are tested in accordance with ASTM D1037. Customer or ANSI Grade specified products are available by request and subject to minimum order quantities.

## 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*
✓	California Air Resources Board (CARB) ATCM 93120*
✓	No Added Formaldehyde (NAF) Exempt - State of CA Executive Order N-18-313*
No Added Formaldehyde	
✓	Scientific Certification Systems Validated (SCS-NAF-01329)*
Recycled Content	
✓	Scientific Certification Systems Certified 92% pre-consumer recycled content (SCS-MC-01584)*
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 4-11 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/medex/](http://Roseburg.com/Product/medex/)



3660 Gateway Street, Springfield 97477  
Roseburg.com / 800.245.1115