

Roseburg
Arreis[®]
MDF

MEDIUM DENSITY FIBERBOARD (MDF) PANELS 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 - 1½ in	6.35 – 38.1 mm
Density	47 lbs/ft ³	753 kg/m ³
Internal Bond	160 psi	1.10 Nmm ²
Modulus of Rupture/MOR	3,800 psi	26.2 Nmm ²
Modulus of Elasticity/MOE	420,000 psi	2,896 Nmm ²
Hardness/MOH	1,000 lbs	4,448 N
Screw Holding – Face	225 lbs	1,001 N
Screw Holding – Edge	200 lbs	890 N
Thickness Swell	5%	
Linear Expansion	0.30%	
Moisture Content	4 - 8%	
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 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 Arreis 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 130
✓	Meets grade MR10 moisture resistance on ≥ 0.591 in (15mm)
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-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*
ASTM E84 – Standard test method for surface burning characteristics of building materials	
✓	Guardian Fire Testing Laboratories Certified, Class C Rating (GL-6-2-17-Z)*
Eco-Certified Composite Grademark Program	
✓	CPA 4-11 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/arreis/



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