

Arreis®

MDF

PEMBROKE, ONTARIO

TECHNICAL DATA	IMPERIAL	METRIC
Widths	4, 5, & 6 ft	1.22, 1.52, & 1.83 m
Lengths	up to 16 ft	up to 4.88 m
Thicknesses	1/4 – 1 in	6.35 – 25.4 mm
Density	45.3 lbs/ft ³	726 kg/m ³
Internal Bond	100 psi	0.69 Nmm ²
Modulus of Rupture/MOR	4,000 psi	27.6 Nmm ²
Modulus of Elasticity/MOE	450,000 psi	3,103 Nmm ²
Hardness/MOH	1,000 lbs	4,448 N
Screw Holding – Face	300 lbs	1,334 N
Screw Holding – Edge	250 lbs	1,112 N
Thickness Swell	≤5.5%	
Linear Expansion	≤0.33%	
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 PANELS

Made with no added formaldehyde (NAF)

COMMON APPLICATIONS

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

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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-20-210*

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Recycled Content

- ✓ 95% pre-consumer recycled content in accordance with ISO 14021 requirements*

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/arreis



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