

Arreis®

MDF

MEDFORD, OR • PEMBROKE, ON

TECHNICAL DATA		
	Medford	Pembroke
Widths*	4 & 5 ft 1.22 & 1.52 m	4, 5 & 6 ft 1.22, 1.52 & 1.83 m
Lengths*	up to 18 ft up to 5.49 m	up to 16 ft up to 4.88 m
Thicknesses	1/4 – 1-1/2 in 6.35 – 38.10 mm	1/4 – 1 in 6.35 – 25.4 mm
Density	47 lbs/ft ³ 753 kg/m ³	45.30 lbs/ft ³ 726 kg/m ³
Internal Bond	160 psi 1.10 N/mm ²	100 psi 0.69 N/mm ²
Modulus of Rupture/MOR	3,800 psi 26.20 N/mm ²	4,000 psi 27.60 N/mm ²
Modulus of Elasticity/MOE	420,000 psi 2,896 N/mm ²	450,000 psi 3,103 N/mm ²
Hardness/MOH	1,000 lbs 4,448 N	1,000 lbs 4,448 N
Screw Holding – Face**	225 lbf 1,001 N	300 lbf 1,334 N
Screw Holding – Edge**	200 lbf 890 N	250 lbf 1,112 N
Thickness Swell	≤5.00%	≤5.50%
Linear Expansion	≤0.30%	≤0.33%
Moisture Content	4 – 8%	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 PANELS

Made with no added formaldehyde (NAF)

COMMON APPLICATIONS

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

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.

*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 Arreis MDF is tested and certified to meet or exceed the following standards and certifications.

	Medford	Pembroke
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*	✓	✓
No Added Formaldehyde		
No Added Formaldehyde (NAF) Exempt - State of CA Executive Order N-20-210*		✓
Scientific Certification Systems Validated (SCS-NAF-01329)*	✓	
Recycled Content		
Scientific Certification Systems Certified 92% pre-consumer recycled content (SCS-MC-01584)*	✓	
95% pre-consumer recycled content in accordance with ISO 14021 requirements*		✓
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/arreis



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