

Arreis®

NAF • MDF

MEDFORD, OR

TECHNICAL DATA

Widths	4 & 5 ft 1.22 & 1.52 m
Lengths	up to 18 ft up to 5.49 m
Thicknesses	1/4 – 1-1/2 in 6.35 – 38.10 mm
Density	47 lbs/ft ³ 753 kg/m ³
Internal Bond	160 psi 1.10 N/mm ²
Modulus of Rupture/MOR	3,800 psi 26.20 N/mm ²
Modulus of Elasticity/MOE	420,000 psi 2,896 N/mm ²
Hardness/MOH	1,000 lbs 4,448 N
Screw Holding – Face*	225 lbf 1,001 N
Screw Holding – Edge*	200 lbf 890 N
Thickness Swell	≤5.00%
Linear Expansion	≤0.30%
Moisture Content	4 – 8%
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" panels. Physical properties may vary by thickness. All mechanical properties are tested in accordance with ASTM D1037.

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

*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.

Moisture Resistant 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* and California Air Resources Board (CARB) ATCM 93120* Standards Council of Canada Formaldehyde Emissions Standard for Composite Wood Products – CAN/CSA 0160-16* No Added Formaldehyde (NAF) Exempt	✓ ✓ ✓
Recycled Content Third-party certified 97.0% pre-consumer recycled content.	✓
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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