# Arreis®

## MDF

MEDFORD, OR

| TECHNICAL DATA | IMPERIAL | METRIC |
|---|---|---|
| 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 – 38.1 mm |
| Density | 47 lbs/ft³ | 753 kg/m³ |
| Internal Bond | 160 psi | 1.10 Nmm² |
| Modulus of Rupture/MOR | 3,800 psi | 26.2 Nmm² |
| Modulus of Elasticity/MOE | 420,000 psi | 4,448 Nmm² |
| 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 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

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-20-313*

**No Added Formaldehyde**

- ✓ Scientific Certification Systems Validated (SCS-NAF-01329)*

**Recycled Content**

- ✓ Scientific Certification Systems Certified 92% pre-consumer recycled content (SCS-MC-01584)*

**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*

**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 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**

**Roseburg**

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