

Arreis®

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.

*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.

| | |
|---|-------------|
| 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* Standards Council of Canada Formaldehyde Emissions Standard for Composite Wood Products – CAN/CSA 0160-16* No Added Formaldehyde (NAF) Exempt – N-24-313A* | ✓ ✓ ✓ |
| 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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