

Roseburg  
**Arreis**<sup>®</sup>  
MDF

MEDIUM DENSITY FIBERBOARD (MDF) PANELS MADE WITH  
NO ADDED FORMALDEHYDE (NAF)

| TECHNICAL DATA                           | IMPERIAL               | METRIC                 |
|--|------------------------|------------------------|
| Widths                                   | 4 & 5 ft               | 1.22 & 1.52 m          |
| Lengths                                  | up to 18 ft            | up to 5.49 m           |
| Thicknesses                              | ¼ - 1½ in              | 6.35 – 38.1 mm         |
| Density                                  | 47 lbs/ft <sup>3</sup> | 753 kg/m <sup>3</sup>  |
| Internal Bond                            | 130 psi                | 0.89 Nmm <sup>2</sup>  |
| Modulus of Rupture/MOR                   | 3,800 psi              | 26.2 Nmm <sup>2</sup>  |
| Modulus of Elasticity/MOE                | 420,000 psi            | 2,896 Nmm <sup>2</sup> |
| 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)            |                        |
| <b>Dimensional Tolerances:</b>           |                        |                        |
| 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 target averages for typical 3/4" thickness. Mechanical properties are tested in accordance with ASTM D1037. Customer or ANSI Grade specified products are available by request and subject to minimum order quantities.

## STANDARDS & CERTIFICATIONS

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

| ANSI A208.2<br>American National Standard – Medium Density Fiberboard (MDF) for Interior Applications |  |
|---|--|
| ✓   | Meets or exceeds ANSI A208.2 Grade 130   |
| ✓   | Meets grade MR10 moisture resistance on $\geq 0.591$ in (15mm)   |
| Formaldehyde Emissions Regulations<br>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*                           |
| ✓   | California Air Resources Board (CARB) ATCM 93120*  |
| ✓   | No Added Formaldehyde (NAF) Exempt - State of CA Executive Order N-18-313*   |
| No Added Formaldehyde   |  |
| ✓   | Scientific Certification Systems Validated (SCS-NAF-01329)*  |
| Recycled Content  |  |
| ✓   | Scientific Certification Systems Certified 92% pre-consumer recycled content (SCS-MC-01584)*   |
| Forest Stewardship Council®   |  |
| ✓   | Scientific Certification Systems Certified (SCS-COC/CW-00300) – FSC-C017580<br>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 4-11 ECC Sustainability Standard*  |

\*Certificates and documentation available at [Roseburg.com](http://Roseburg.com)

## GREEN BUILDING SUPPORT:

For LEED® and other green building support documentation, visit [Roseburg.com/Product/arreis/](http://Roseburg.com/Product/arreis/)



3660 Gateway Street, Springfield 97477  
Roseburg.com / 800.245.1115