

# Medite® Ultra

## MDF

EL DORADO, AR

### TECHNICAL DATA

|                                          |                                 |                             |
|------------------------------------------|---------------------------------|-----------------------------|
| <b>Widths</b>                            | 4 & 5 ft                        |                             |
| <b>Lengths</b>                           | up to 16 ft                     |                             |
| <b>Thicknesses</b>                       | 1/4 – 3/4 in                    |                             |
|                                          | <b>1/4 in - 15 mm</b>           | <b>5/8 in - 3/4 in</b>      |
| <b>Density</b>                           | 50.0 – 52.0 lbs/ft <sup>3</sup> | 49 – 51 lbs/ft <sup>3</sup> |
| <b>Internal Bond</b>                     | 150 psi                         | 150 psi                     |
| <b>Modulus of Rupture/MOR</b>            | 5,000 psi                       | 5,500 psi                   |
| <b>Modulus of Elasticity/MOE</b>         | 550,000 psi                     | 550,000 psi                 |
| <b>Screw Holding – Face</b>              | 300 lbs*                        | 325 lbs                     |
| <b>Screw Holding – Edge</b>              | N/A                             | 325 lbs                     |
| <b>Thickness Swell</b>                   | 0.065 in (max)                  | 11% (max)                   |
| <b>Linear Expansion</b>                  | ≤ 0.33%                         |                             |
| <b>Moisture Content</b>                  | 4 – 6%                          |                             |
| <b>Flame Spread Rating</b>               | Class C (3)                     |                             |
| <b>Dimensional Tolerances:</b>           |                                 |                             |
| Length/Width                             | ±0.080 in                       |                             |
| Squareness                               | ±0.036 in/ft                    |                             |
| Thickness – panel average from specified | ±0.005 in                       |                             |
| Thickness – variance from panel average  | ±0.005 in                       |                             |

Values represent averages for noted thickness ranges. 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 edge screw holding.

### MEDIUM DENSITY FIBERBOARD

High-density MDF panels with superior strength and machining capabilities.

### COMMON APPLICATIONS

- Routed decorative doors
- Standing and running trim

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## STANDARDS & CERTIFICATIONS

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

### Formaldehyde Emissions Regulations – Third-Party Certified (TPC-1) to meet the requirements of:

- ✓ EPA Formaldehyde Emission Regulation, TSCA Title VI\*
- ✓ California Air Resources Board (CARB) ATCM 93120\*

### Recycled Content

- ✓ 80% pre-consumer recycled content\*

### 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](http://Roseburg.com)

## GREEN BUILDING SUPPORT:

For LEED® and other green building support documentation, visit [roseburg.com/product/medite-ultra](http://roseburg.com/product/medite-ultra)



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