

Arreis® Ultra

MR30 • 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 – 1-1/4 in	6.35 – 31.80 mm
Density	50 lbs/ft ³	801 kg/m ³
Internal Bond	200 psi	1.38 N/mm ²
Modulus of Rupture/MOR	4,250 psi	29.3 N/mm ²
Modulus of Elasticity/MOE	425,000 psi	2,930 N/mm ²
Hardness/MOH	1,050 lbs	4,671 N
Screw Holding – Face*	275 lbf	1,223 N
Screw Holding – Edge*	275 lbf	1,223 N
Thickness Swell	5.5% (max)	
Linear Expansion	≤0.33%	
Moisture Content	4 – 6%	
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" 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.

MEDIUM DENSITY FIBERBOARD

High Density MDF panels with superior strength and machining capabilities, made with no added formaldehyde (NAF).

COMMON APPLICATIONS

- Powder-coated furniture or casework
- Signs
- Hospital furniture
- Education furniture
- Routed decorative doors
- Standing and running trim

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STANDARDS & CERTIFICATIONS

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

Moisture Resistant



Meets grade MR30 moisture resistance

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 95.9% 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](https://www.roseburg.com)

GREEN BUILDING SUPPORT:

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



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