

**ROSEBURG PROUDLY**

*Presents*

The most technically diverse line of MDF products in North America. From moisture resistant to flame retardant to no-added formaldehyde, Roseburg has an MDF panel to suit your every need. Working on a LEED® Project? You'll be pleased to know that all of Roseburg MDF may contribute to points for Materials & Resources - Recycled Content. In addition, we have a line of Sustainable Design Fiberboard products that contribute to Indoor Environmental Quality points due to our manufacturing process that uses a formaldehyde free binder system.

*arreis*®

**medite® II**

**medex®**

medite FR®

**medite®**

**medite® 3D**

**PermaCore®**



*When the earth demands affordable excellence*

### Features & Benefits

- Awarded CARB NAF Exemption due to synthetic resin system
- Performance characteristics equal to standard MDF
- Most affordable NAF product line
- Meets physical properties of ANSI A208.2-2009 Grade 130
- ANSI MR10 moisture resistant properties on 5/8" and thicker
- FSC® certified panels available upon request

### Mill Capabilities

- Panels available in 4' and 5' widths and lengths up to 18'
- Thicknesses ranging from 1/4" - 1-1/2"
- Minimum order may be required for some sizes and thicknesses

### Handling & Installation

- Store indoors on a flat, level surface away from products containing urea-formaldehyde. Provide adequate support to prevent sagging
- Refer to Architectural Woodwork Standards (AWS) for fabrication and installation procedures.
- For best results, Arreis® should be conditioned to the environment 48-72 hours prior to installation.

### How to Specify

Industrial Grade Medium Density Fiberboard (MDF), manufactured with a synthetic resin system and which meets the physical properties of ANSI A208.2-2009 Grade 130 specifications.

### Finished Product Options

- Decorative Surfaces
  - Hardwood Veneer
  - Pre-primed, profiled, lined mouldings
- Ask your Roseburg sales representative for more information.

### Ideal Applications

- LEED® Projects
- Cabinetry
- Furniture
- Moulding & Millwork
- Casework
- Wall Panels
- Shelving
- Retail Fixtures
- Museum Displays

Arreis®, a sustainable medium density fiberboard (MDF) panel is manufactured from pre-consumer recycled wood fiber and meets the most stringent formaldehyde emission standards in the world. Roseburg's manufacturing process utilizes a synthetic resin system to produce Arreis®, the ideal sustainable design fiberboard (SDF) for commercial interior applications. Manufactured in Medford, OR.

Technical Data	Imperial	Metric
Density	47 lb/ft <sup>3</sup>	753 kg/m <sup>3</sup>
Internal Bond	130 lb/in <sup>2</sup>	0.89 N/mm <sup>2</sup>
Modulus of Rupture	3,800 lb/in <sup>2</sup>	27.60 N/mm <sup>2</sup>
Modulus of Elasticity	450,000 lb/in <sup>2</sup>	3,102.6 N/mm <sup>2</sup>
Modulus of Hardness	950 lbs, Janka ball	4,448 N
Screw Holding, Face	225 lbs	1,001 N
Screw Holding, Edge	200 lbs	890 N
Thickness Tolerance	± 0.005 inch	±0.127 mm
Thickness Swell	5%	
Linear Expansion	0.3%	
Water Absorption	8%	
Flame Spread Rating	Class 3 (C)	
Moisture Content	4 - 8%	
Formaldehyde Emissions	as low as 0.01 ppm	

Average physical properties for 3/4" panel, based on a 5 panel average, when tested in accordance with ASTM D1037. Emissions tested in accordance with ASTM E-1333. Specific design applications, and technical data are available upon request.



**SCS Certified**  
92% Pre-Consumer Recycled Content

**LEED® 2009 Credits Supported**  
Materials & Resources: 4, 5, 7  
Indoor Environmental Quality: 4.4



**FSC-C017580**  
The mark of responsible forestry  
(Available upon request)

**LEED® v4 Credits Supported**  
Indoor Environmental Quality -  
Low-Emitting Materials: Composite Wood Evaluation  
Materials & Resources -  
Building Product Disclosure and Optimization  
- Sourcing of Raw Materials  
- Material Ingredients  
- Environmental Product Declaration



**ECC Certified**  
Specification CPA ECC 4-11  
CARB Third Party Certifier TPC-1

**CHPS Compliant**  
Meets Materials Specifications for VOC emissions section 01350



**SCS Validation**  
No Added Formaldehyde

**Japanese F-4 Star**  
MLIT Compliant

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