

When the earth demands affordable excellence

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 ³	753 kg/m ³
Internal Bond	130 lb/in ²	0.89 N/mm ²
Modulus of Rupture	3,800 lb/in ²	27.60 N/mm ²
Modulus of Elasticity	450,000 lb/in ²	3,102.6 N/mm ²
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.

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



SCS Certified

92% Pre-Consumer Recycled Content

MINIMUM 92% RECYCLED CONTENT
PRE-CONSUMER



FSC-C017580

The mark of responsible forestry
(Available upon request)



ECC Certified

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



SCS Validation

No Added Formaldehyde

LEED® 2009 Credits Supported

Materials & Resources: 4, 5, 7
Indoor Environmental Quality: 4.4

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

CHPS Compliant

Meets Materials Specifications for
VOC emissions section 01350

Japanese F-4 Star

MLIT Compliant

541-784-4070