

When the earth demands affordable excellence

Features & Benefits

- Awarded CARB NAF Exemption due to formaldehyde-free adhesive system
- Performance characteristics equal to standard MDF
- Most affordable SDF product
- Meets physical properties of ANSI A208.2-2009 130-F11
- ANSI MR10 moisture resistant properties on thicknesses $\geq 5/8''$
- 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

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 formaldehyde-free adhesive 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, lineal mouldings
- Ask your SierraPine 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 manufactured from pre-consumer recycled wood residuals, meets the most stringent formaldehyde emission standards in the world. SierraPine's patent pending manufacturing process utilizes a formaldehyde-free adhesive system to produce Arreis®, the ideal sustainable design fiberboard (SDF) for commercial interior applications.

Technical Data	Imperial	Metric
Density	48 lb/ft ³	769 kg/m ³
Internal Bond	115 lb/in ²	0.79 N/mm ²
Modulus of Rupture	4,200 lb/in ²	28.94 N/mm ²
Modulus of Elasticity	420,000 lb/in ²	2894 N/mm ²
Modulus of Hardness	1,000 lbs, Janka ball	4,448 N
Screw Holding, Face	225 lbs	1,001 N
Screw Holding, Edge	180 lbs	801 N
Thickness Tolerance	± 0.005 inch	± 0.127 mm
Thickness Swell	5%	
Linear Expansion	0.3%	
Water Absorption	8%	
Flame Spread Rating	Class C (3)	
Moisture Content	4 - 6%	
Formaldehyde Emissions	as low as 0.01 ppm	

Average physical properties for 3/4" panel 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.



FSC® C014647

The mark of sustainable forest management



SCS Certified

Pre-Consumer Recycled Wood Fiber
No-Added Formaldehyde



EPP Certified

Specification CPA EPPS 3-08
CARB Third Party Certifier TPC-1

LEED® 2009 Credits Supported

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

CHPS Compliant

Meets Materials Specifications for
VOC emissions section 01350

Japanese F-4 Star

MLIT Certified

SierraPine warrants that its products will meet the specifications applicable to such products in effect at the time of shipment as disclosed to customer and available on SierraPine's website at www.sierrapine.com under Terms & Conditions. Any claim for breach of such warranty must be received by SierraPine within 90 days after delivery of products to customer. SierraPine makes no other warranty or guarantee, either express or implied, including implied warranties of merchantability and of fitness for a particular purpose to the original purchaser or to any subsequent user of the products, except as expressly contained in our Terms & Conditions. In the event state or provincial law precludes exclusion or limitation of implied warranties, the duration of any such warranties shall be no longer than, and the time and manner of presenting any claim hereon shall be the same as, that provided in the express warranty stated therein.