



When the earth demands affordable excellence

### Features & Benefits

- Formaldehyde-free binding system
- Performance characteristics equal to standard MDF
- Most affordable SDF product
- Customized performance available

### Mill Capabilities

- Panels available in 4' and 5' widths and lengths up to 18' (minimums may apply)
- Thicknesses ranging from 1/4" - 1 1/4"

### Handling & Installation

- Store indoors on a flat, level surface with adequate support to prevent sagging
- Readily accepts and holds hardware including staples, screws and other fasteners.
- 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 binder and which meets the requirements of ANSI A208.2

### 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 100% post-industrial 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

Density	48 lb/ft <sup>3</sup>
Internal Bond	115 lb/in <sup>2</sup>
Modulus of Rupture	4,800 lb/in <sup>2</sup>
Modulus of Elasticity	480,000 lb/in <sup>2</sup>
Modulus of Hardness	1,000 lbs, Janka ball
Screw Holding, Face	300 lbs
Screw Holding, Edge	200 lbs
Thickness Tolerance	± .005 inches
Thickness Swell	5%
Linear Expansion	0.3%
Water Absorption	8%
Flame Spread Rating	U/L Class C, 3
Moisture Content	4 - 6%
Formaldehyde Emissions	.01 - .04 ppm

Average physical properties for 3/4" panel when tested to ANSI A208.2. For specific design application, technical data by product and thickness is available upon request.



### Potential of 5 LEED® Credits Supported

Materials & Resources: 4.1, 4.2, 5.1, 5.2  
Indoor Environmental Quality: 4.4



### SCS Certified

Post-Industrial Recycled Wood Fiber  
No-Added Formaldehyde



### CHPS Compliant

Meets Materials Specifications for VOC emissions section 01350



### EPP Certified

Composite Panel Association  
Environmentally Preferable Product

**SierraPine**  
COMPOSITE SOLUTIONS

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