


SDF

sustainable design fiberboard

Features & Benefits

- Awarded CARB NAF Exemption due to formaldehyde-free adhesive system
- Performance characteristics equal to standard MDF
- Most affordable SDF product
- Customized performance available
-  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 quantity may apply for some sizes

Handling & Installation

- Store indoors on a flat, level surface away from products containing urea-formaldehyde. Provide 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 adhesive system and which meets the requirements of ANSI A208.2-2009.

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®

When the earth demands affordable excellence

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	175 lbs	778 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 Certified (Mixed Credit)
Cert no. SCS-COC-001409
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SCS Certified
Pre-Consumer Recycled Wood Fiber
No-Added Formaldehyde



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

LEED® 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
COMPOSITE SOLUTIONS

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