

# ampine®

## SierraPine Particleboard

produced in  
**Martell, California**

### Features & Benefits

- Smooth and uniform surface makes it the ideal substrate for high and low pressure laminates, wood veneers and vinyl, cloth or plastic overlays
- Excellent machinability for low tool wear
- SierraPine supplies a range of Ampine® products which meet the requirements of ANSI A208.1, including:
  - M1, MS, M2, M3 Industrial
  - Underlayment certified to HUD standard
  - Bull-nosed and straight-edge, edge-filled shelving
- 100% Post Consumer wood fiber option
- FSC certified panels available upon request

### Mill Capabilities

- Panel sizes in 4' and 5' widths
- Panel lengths in 6', 8', 10', 12', 14' and 16'
- Thicknesses ranging from 3/8" - 1+1/4"
- Custom sizes available upon request with minimum order requirement
- Cut-to-size

### 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, panels should be conditioned to the environment 48-72 hours prior to installation

### Application Ideas

- Shelving
- Furniture
- Case goods
- Home Theater System Components
- Agricultural boxes

Made from Western softwood, SierraPine's particleboard manufactured in Martell, CA, better known by its brand name, Ampine®, is known for its high quality and ease of workmanship. Ampine® has long been recognized for its highly machinable core and its smooth, uniform surface which accepts a variety of decorative laminates and finishes.

Technical Data	Imperial	Metric
Density	47 lb/ ft <sup>3</sup>	753 kg/m <sup>3</sup>
Internal Bond	100 lb/in <sup>2</sup>	0.69 N/mm <sup>2</sup>
Modulus of Rupture	2,000 lb/in <sup>2</sup>	13.8 N/mm <sup>2</sup>
Modulus of Elasticity	330,000 lb/in <sup>2</sup>	2,275 N/mm <sup>2</sup>
Modulus of Hardness	900 lbs. Janka ball	4,000 N Janka ball
Screw Holding, Face	275 lbs.	1,223 N
Screw Holding, Edge	215 lbs.	956 N
Thickness Tolerance	±0.005 inch	±0.127 mm
Length/Width Tolerance	±0.062 inch	±1.575 mm
Squareness Tolerance	±0.125 inch	±3.175 mm
Flame Spread Rating	Class C (3)	
Moisture Content	< 8%	
Formaldehyde Emissions*	≤0.18 ppm	

Average physical properties for 3/4" panel when tested in accordance with ASTM D1037. Specific design applications and technical data are available upon request.



### Potential of 5 LEED® Credits Supported

Materials & Resources: 4.1, 4.2, 5.1, 5.2, 7



### FSC Certified (Mixed Credit)

Cert no. SCS-COC-001409

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### SCS Certified

Post-Industrial Recycled Wood Fiber



### EPP Certified

Composite Panel Association

Environmentally Preferable Product

Warning: SierraPine particleboard contains formaldehyde which may cause health problems including eye and respiratory irritation and may aggravate respiratory conditions or allergies. It should not be used in enclosed areas where formaldehyde could be a problem unless properly sealed. Information on effective sealing methods and materials is available from SierraPine.

\*Product certified to the CPA EPP specification must meet 0.18 ppm as tested by ASTM D1333 Large Chamber Test.

**SierraPine**  
COMPOSITE SOLUTIONS

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