

### Features & Benefits

- Bright, smooth face makes excellent substrate for thin paper laminates
- Tight edges for clean, precise machining
- Can be finished with veneer, laminates, paint, varnish, T-moulding and edge-banding
- SierraPine supplies a range of products which meet the requirements of ANSI A208.1
- Encore, a no-added urea formaldehyde particleboard, now available. Ask your SierraPine sales representative for specifications
- E-1 Certified particleboard is available upon request

### Mill Capabilities

- Panel size 5' x 18'
- Thicknesses ranging from 12mm-1+1/2"
- Countertop sizes 25" to 30+1/4" wide by 6, 8, 10 and 12' lengths
- Custom sizes available
- Special packaging available upon request

### 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

- Household Furniture Components
- Institutional Furniture Components
- Kitchen & Vanity Cabinets
- Drawer Components
- Caseworks
- Sports Equipment
- Melamine or Paper Lamination
- Countertops

Designed to meet the demands of today's critical applications. SierraPine's particleboard manufactured in Adel, GA provides consistent quality and performance, especially in laminating applications using thin, glossy papers.

Technical Data	Imperial	Metric
Density	49 lb/ft <sup>3</sup>	785 kg/m <sup>3</sup>
Internal Bond	85 lb/in <sup>2</sup>	0.59 N/mm <sup>2</sup>
Modulus of Rupture	1,900 lb/in <sup>2</sup>	13.1 N/mm <sup>2</sup>
Modulus of Elasticity	350,000 lb/in <sup>2</sup>	2,412 N/mm <sup>2</sup>
Modulus of Hardness	≥ 500 lbs, Janka ball	2,224 N
Screw Holding, Face	225 lbs	1,001 N
Screw Holding, Edge	165 lbs	734 N
Thickness Tolerance	± 0.005 inch	±0.127 mm
Length/Width Tolerance	± 1/16 inch	±1.59 mm
Squareness Tolerance	± 1/16 inch	±1.59 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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