

### Features & Benefits

- Uniform thickness and smooth surface makes excellent substrate for high- and low-pressure laminates, wood veneers, vinyls and thin overlays
- SierraPine supplies a range of products which meet the requirements of ANSI A208.1, including;
  - M5, M2, M3 Industrial
  - Countertop
  - Underlayment certified to HUD standard
  - Stair tread certified to HUD standard
  - Bull-nosed, edge-filled shelving
- No-added urea formaldehyde particleboard now available. Please ask your sales representative for more information about Encore™
- FSC certified panels available upon request

### Mill Capabilities

- Panel sizes in 4' and 5' widths
- Panel lengths in 6', 8', 10', 12' and 14'
- Thicknesses ranging from 5/16" - 1+5/8"
- Countertop sizes 24" to 31" wide by 6', 8', 10', 12' and 14' lengths
- Custom sizes available upon request with minimum order requirement
- Cut-to-size
- Special packaging available

### 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

- Countertops
- Shelving
- Cabinetry
- Furniture Components
- Stair Tread
- Casework
- Wall Panels
- Fixtures

Manufactured primarily from Douglas Fir, SierraPine's Springfield particleboard offers an impressive line of panel products with dimensional stability, higher bending properties and enhanced core strength.

Technical Data	M3	M2	Countertop
Density (lb/ ft <sup>3</sup> )	47.1	45	47.2
Internal Bond (lb/in <sup>2</sup> )	80	65	105
Modulus of Rupture (lb/in <sup>2</sup> )	2,393	2,103	2,517
Modulus of Elasticity (lb/in <sup>2</sup> )	398,900	326,300	432,000
Hardness (lbs. Janka ball)	500	500	700
Screw Holding, Face (lbs.)	247	225	304
Screw Holding, Edge (lbs.)	225	202	253
Thickness Tolerance (inches)	± 0.005	± 0.005	± 0.005
Length/Width Tolerance (inch)	± 1/16	± 1/16	± 1/16
Squareness Tolerance (inch)	± 1/8	± 1/8	± 1/8
Flame Spread Rating	Class C (3)	Class C (3)	Class C (3)
Moisture Content	< 8%	<8%	<8%
Formaldehyde Emissions*	≤0.18 ppm	≤0.18 ppm	≤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.

800-676-3339

**SierraPine**  
COMPOSITE SOLUTIONS

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