

### Features & Benefits

- Class A certified, flame retardant panels
- CARB ATCM 93120 Phase 2 certified
- No added urea formaldehyde
- Meets ANSI A208.1-2009 moisture resistant specifications for MR10
- Panel core is dyed red for easy identification as a fire-retardant product
- FSC® certified panels available upon request

### Mill Capabilities

- 4' and 5' widths
- 6', 8', 10', 12' and 14' lengths
- Inquire for custom lengths and widths
- Cut-to-size and special packaging available

### Handling & Storage

- Store indoors on a flat, level surface with adequate support to prevent sagging
- Refer to Architectural Woodwork Standards (AWS) for fabrication and installation procedures
- For best results, Encore FR should be conditioned to the environment 48-72 hours prior to fabrication

### How to Specify

Encore™ FR, an industrial grade Class A Flame Retardant particleboard panel certified in accordance with ASTM E84-09 and CAN/ULC-102M, made with no added urea formaldehyde

### Painting/Laminating

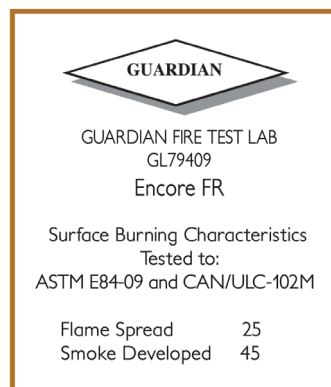
When choosing a coating or laminate system, confirm compatibility of the paint, laminate or adhesive with the respective manufacturer and ensure the Class A flame spread classification of Encore FR will not be adversely affected.

Encore™ FR is a Class A certified particleboard made from recycled wood with no-added urea formaldehyde. Additives blended with the wood fiber provide flame retardant properties throughout the panel, which ensures flame retardancy when the panel is machined or sanded. This process results in an extra level of protection compared to products made with surface flame retardant coatings. Encore FR is ideal for LEED® and other environmentally focused building projects requiring Class A certified flame retardant materials.

### Technical Data

Technical Data	Industrial
Density	49-52 lb/ft <sup>3</sup>
Internal Bond	80 lb/in <sup>2</sup>
Modulus of Rupture	1,950 lb/in <sup>2</sup>
Modulus of Elasticity	350,000 lb/in <sup>2</sup>
Modulus of Hardness	500 lbs Janka ball
Screw Holding, Face	250 lbs
Screw Holding, Edge	225 lbs
Thickness Tolerance	± 0.005"
Length/Width Tolerance	± 1/16"
Squareness Tolerance	± 1/8"
Flame Spread Rating	Class A (1)
Thickness Swell	≤ 5.5%

Average physical properties for 3/4" panel, based on a 5 panel average, when tested in accordance with ASTM D1037. Specific design applications and technical data are available upon request. Emissions tested in accordance with ASTM E-1333.



FSC® C014647  
The mark of responsible forest management  
www.fsc.org



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



SCS Certified  
Pre-Consumer Recycled Wood Fiber  
No-Added Urea Formaldehyde

LEED® 2009 Credits Supported  
Materials & Resources: 4, 5, 7  
Indoor Environmental Quality: 4.4

CHPS Compliant  
Meets Materials Specifications  
VOC emissions section 01350

SierraPine warrants that its products will meet the specifications applicable to such products in effect at the time of shipment as disclosed to customer and available on SierraPine's website at [www.sierrapine.com](http://www.sierrapine.com) under Terms & Conditions. Any claim for breach of such warranty must be received by SierraPine within 90 days after delivery of products to customer. SierraPine makes no other warranty or guarantee, either express or implied, including implied warranties of merchantability and of fitness for a particular purpose to the original purchaser or to any subsequent user of the products, except as expressly contained in our Terms & Conditions. In the event state or provincial law precludes exclusion or limitation of implied warranties, the duration of any such warranties shall be no longer than, and the time and manner of presenting any claim hereon shall be the same as, that provided in the express warranty stated therein.

### Ideal Applications

LEED® Projects  
Schools  
Hospitals  
Retail  
Commercial Interiors  
Hotels  
Airports

### Suitable Uses

Wall sheeting  
Cabinetry  
Casework  
Fixtures  
Furniture  
Doors  
Countertop

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3010 Lava Ridge Ct., Suite 220, Roseville, CA 95661  
[www.sierrapine.com](http://www.sierrapine.com)

Distributed By:

**Metro Hardwoods**  
763.423.9293 / 800.351.9293  
[www.metrohardwoods.com](http://www.metrohardwoods.com)  
[info@metrohardwoods.com](mailto:info@metrohardwoods.com)