Encore™ is a sustainable design particleboard (SDP) panel manufactured from recycled wood residuals, and meets the most stringent formaldehyde emission standards in the world. Ampine’s® manufacturing process utilizes a formaldehyde-free (NAF) adhesive system to produce Encore. Encore’s light color and excellent machining qualities make it the ideal SDP for indoor applications on LEED projects or anywhere that indoor air quality is a primary goal. Encore is manufactured at the Ampine mill in Sutter Creek, California.

### Technical Data

<table>
<thead>
<tr>
<th></th>
<th>Industrial</th>
<th>M2</th>
<th>M3i</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Density</strong></td>
<td>46 lb/ft³</td>
<td>46 lb/ft³</td>
<td>46.5 lb/ft³</td>
</tr>
<tr>
<td><strong>Internal Bond</strong></td>
<td>65 lb/in²</td>
<td>80 lb/in²</td>
<td>100 lb/in²</td>
</tr>
<tr>
<td><strong>Modulus of Rupture</strong></td>
<td>1,900 lb/in²</td>
<td>1,900 lb/in²</td>
<td>2,200 lb/in²</td>
</tr>
<tr>
<td><strong>Modulus of Elasticity</strong></td>
<td>290,100 lb/in²</td>
<td>320,000 lb/in²</td>
<td>400,000 lb/in²</td>
</tr>
<tr>
<td><strong>Screw Holding, Face</strong></td>
<td>225 lbs</td>
<td>235 lbs</td>
<td>280 lbs</td>
</tr>
<tr>
<td><strong>Screw Holding, Edge</strong></td>
<td>180 lbs</td>
<td>180 lbs</td>
<td>210 lbs</td>
</tr>
<tr>
<td><strong>Thickness Tolerance</strong></td>
<td>± 0.005&quot;</td>
<td>± 0.005&quot;</td>
<td>± 0.005&quot;</td>
</tr>
<tr>
<td><strong>Length/Width Tolerance</strong></td>
<td>± 1/16&quot;</td>
<td>± 1/16&quot;</td>
<td>± 1/16&quot;</td>
</tr>
<tr>
<td><strong>Squareness Tolerance</strong></td>
<td>± 1/8&quot;</td>
<td>± 1/8&quot;</td>
<td>± 1/8&quot;</td>
</tr>
<tr>
<td><strong>Thickness Swell</strong></td>
<td>&lt; 5.5%</td>
<td>&lt; 5.5%</td>
<td>&lt; 5.5%</td>
</tr>
</tbody>
</table>

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.
Ampine 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 Ampine’s website at www.timberproducts.com under Terms & Conditions. Any claim for breach of such warranty must be received by Ampine within 90 days after delivery of products to customer. Ampine 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. All warranty claims are void if the thickness of the panel is materially modified from the original thickness at time of shipment.

Features & Benefits
• Awarded CARB NAF Exemption due to synthetic resin system. Meets CARB ATCM 93120 Phase 2 emission requirements.
• Meets ANSI A208.1-2009 moisture resistant specifications for MR10
• Formaldehyde-free (NAF) adhesive system
• Industrial grade works well for all standard particleboard applications
• FSC® certified panels available upon request
• Light color

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 should be conditioned to the environment 48-72 hours prior to fabrication

Mill Capabilities
• 4' and 5' widths
• Lengths up to 24'
• Custom sizes available upon request
• Cut-to-size and special packaging available
• Minimums may apply

How to Specify
• Specify Encore PB2 Industrial grade particleboard manufactured with a formaldehyde-free (NAF) adhesive system

Applications
• LEED® projects
• Schools
• Hospitals
• Retail
• Commercial interiors
• Hospitality
• Airports
• Fixtures
• Furniture
• Doors
• Countertops

Timber Products Company is one of the nation’s largest and most respected manufacturers of a comprehensive range of wood products.

As an independently owned, fully integrated company with dedicated manufacturing facilities in both the western and eastern United States, we provide immediate access to a tremendous selection of products and services. We’ve implemented new technologies to make our operations more efficient and our products more cost-effective. We can respond to your needs faster, with greater flexibility and with an absolute assurance of quality.

That’s a tremendous resource for any business.