



Particleboard Panel

encore™ MR50

Encore™ MR50 is a sustainable design particleboard (SDP) panel manufactured from pre-consumer recycled wood residuals and meets the most stringent formaldehyde emissions standards in the world. Ampine's® manufacturing process utilizes a formaldehyde-free (NAF) adhesive system to produce Encore MR50, the ideal SDP for your demanding interior moisture resistant applications. Encore MR50 is third party tested using the ASTM D 1037-12 testing method prescribed by ANSI A208.1-2016 subsection 4.3.3 and 4.3.4 and is the only MR50 Industrial M3i panel on the market today.



Technical Data

Density	47.5 lb/ft ³
Internal Bond	170 lb/in ²
Modulus of Rupture	3,150 lb/in ²
Modulus of Elasticity	500,000 lb/in ²
Hardness	950 lbs Janka
Screw Holding, Face	360 lbs
Screw Holding, Edge	270 lbs
Thickness Tolerance	± 0.005"
Length/Width Tolerance	± 1/16"
Squareness Tolerance	± 1/8"
Flame Spread Rating	Class 3 (C)

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®

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1-800-676-3339 | timberproducts.com

encore™ MR50



FSC C021324
The mark of responsible forestry
(Available upon request)



SCS Validation
SCS-NAF-01510
No-Added Formaldehyde



SCS Certified
SCS-MC-01095
Recycled Wood Content
MINIMUM 90% RECYCLED CONTENT
8% POST-CONSUMER
BALANCE 82% PRE-CONSUMER

CHPS Compliant
Meets Materials Specifications for
VOC emissions section 01350



ECC Certified
Specification CPA ECC 4-11
CARB Third Party Certifier TPC-1

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.



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Features & Benefits

- Awarded CARB NAF Exemption due to synthetic resin system. Meets CARB ATCM 93120 Phase 2 emission requirements.
- Formaldehyde-free (NAF) resin system
- Meets ANSI A208.1-2016 moisture resistant specifications for MR50
- The only M3i Industrial MR50 panel on the market
- Formulated specifically for your most demanding applications
- FSC® Mix Credit certified panels available upon request

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

Handling & Storage

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

Ideal Applications

- LEED® projects
- Schools
- Hospitals
- Hospitality
- Airports
- Cabinetry
- Laminating substrate
- Furniture
- Casework
- Fixtures

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.

Company Divisions

- Hardwood Plywood
- Component Solutions
- Decorative Panels
- Particleboard
- Hardwood Lumber
- Hardwood Veneer
- Softwood Veneer
- Softwood Plywood
- Timberlands
- TP Trucking
- Timber Products Global

