

TEMSTOCK-MR™

a TempleInland product

Moisture-Resistant Particleboard



A Particleboard Panel Designed With Special Moisture Resistance.

**TemStock™-MR.
Resists moisture
without reducing
performance.**

TemStock™-MR is specifically designed for cabinets and fixtures with an elevated risk of exposure to liquids and high humidity. Featuring enhanced moisture-resistant resins and other additives, TemStock-MR is formulated to provide increased protection without sacrificing performance. It can be machined, drilled and laminated with premium results.



In addition, TemStock-MR meets the new Eco-Certified Composite (ECC) Standard and is CARB Phase 2 compliant. That means it delivers a strong combination of green-building benefits that can earn points in both LEED® and the NAHB National Green Building Program. For moisture resistance, insist on TemStock-MR.

Real Selection. Real Solutions.™

TempleInland®

Exceptional moisture resistance. Outstanding production performance.

TemStock™-MR is designed for cabinets and fixtures with an elevated risk of exposure to liquids and high humidity. Formulated for increased moisture protection, TemStock-MR sacrifices nothing in performance. Whether machining or finishing, you'll enjoy premium results with less concern about moisture.



PHYSICAL PROPERTIES				
Averages ¹	< 3/8"	3/8" - 1/2"	> 1/2" - <1"	≥ 1"
MOR-Modulus of Rupture (psi)	1885	1885	1885	1885
MOE-Modulus of Elasticity (kpsi)	290.1	290.1	290.1	290.1
IB-Internal Bond (psi)	100	90	80	75
Face Screw Holding (lbs)	202	202	202	202
Edge Screw Holding (lbs)	NA	NA	180 ²	180
Formaldehyde Emission (ppm) ³	.09	.09	.09	.09
24-Hour Thickness Swell ⁴	14.0%	7.0%	4.0%	4.0%

TOLERANCES	
Length and Width	±1/16"
Squareness	≤ 1/8"
Straightness	±1/64"/2 ft.
Thickness (within panels)	±0.004"
Thickness (panel to panel)	±0.004"

DIMENSIONS

Thickness:
1/4" - 1 1/8"

Panel Sizes:
49" and 61" x 73"-169"

LOCATIONS

Monroeville, Alabama
Hope, Arkansas

LIMITATIONS

TemStock-MR should be specified for interior use only.

INTERMEDIATE MOISTURE RESISTANCE CRITERIA

TemStock passes the CPA-IMR-01-2004 specification.

¹One-panel minimum average (ASTM D1037 / ANSI A208.1-2009) ²Not applicable for thinner than 5/8"
³Non-averaged maximum test value ⁴One-panel maximum average (ASTM D1037 / ANSI A208.1-2009)

ENVIRONMENTAL CREDITS		
LEED	CREDITS	DESCRIPTION
Recycled Content	MR 4	Awards 1 or 2 points for using products with recycled content that constitute at least 10% or 20%, based on cost, of the total value of project materials.
Locally Produced Materials	MR 5	Awards 1 or 2 points for using materials on a project that are extracted and manufactured within 500 miles that constitute at least 10% or 20%, based on cost, of the total value of project materials.
NAHB	CREDITS	DESCRIPTION
Pre-Consumer Recycled Content	604.1(2)	Use recycled content products in major areas such as walls, floors, insulation and roofing.
FSC® Certification	606.2(3)	Wood or wood-based products available that are certified by Forest Stewardship Council™.
Other Certification	606.2(6)	Wood-based components certified in accordance to CPA ECC 4-11.
Low Formaldehyde/VOC emissions	901.4(a)	In compliance with ANSI A208.1.
Low Formaldehyde/VOC emissions	901.4(c)	In compliance with CPA EPP 4-11.
CARB	CREDITS	DESCRIPTION
California Air Resource Board	CARB	Exceeds requirements of CARB Phase 2.

ECC CERTIFICATION	FSC® CERTIFICATION
The Composite Panel Association has certified particleboard produced at our Monroeville, Alabama, and Hope, Arkansas, facilities with the Eco-Certified Composite (ECC) grademark. ECC verifies that TemStock products meet or exceed CARB Phase 2 formaldehyde emission standards and each facility conforms to at least 3 of these 5 environmental responsibility measures: carbon storage, use of local resources, recycled and/or recovered resources, sustainability through resource usage, and responsible wood sourcing.	Particleboard produced at Temple-Inland's Monroeville, Alabama, and Hope, Arkansas, facilities that is certified to conform to the requirements of Forest Stewardship Council™ standards for Chain of Custody, Controlled Wood and Reclaimed Material manufacturing is available by special order.

WARNING: This particleboard contains low fuming urea formaldehyde resin and may release formaldehyde vapors in low concentrations. Formaldehyde vapors can be potentially irritating to the eyes and upper respiratory system. Should irritation develop, consult your physician.

FORMALDEHYDE EMISSIONS: Large chamber air sample testing of Temple-Inland TemStock products has been conducted per ASTM E1333-96 (2002) to verify their conformance to California Air Resources Board (CARB) Phase 2 formaldehyde emission standards as well as the requirements of ANSI A208.1 Table B and HUD DFR Part 3280.



Temple-Inland

www.templeinland.com ▲ 800-424-2311