

**SPECIFICATION SHEET**

For Applications  
**WITH HIGH HUMIDITY**

An interior, moisture resistant MDF panel that is ideally suited for applications with high humidity and incidental moisture content. It is also available with ultra-low emitting VESTA Technology, for the optimal choice that may contribute to LEED® points and other ULEF specified projects.

TRUPAN MOISTURE RESISTANT MDF							
Malvern, AR							
TRUPAN MR (Moisture Resistant)				TRUPAN VESTA MR ULEF (MR10)			
Thickness Range	(in.) (mm)	3/8" - 15 mm	5/8" - 13/16"	7/8" - 1-1/2"	3/8" - 15 mm	5/8" - 13/16"	7/8" - 1-1/2"
Average MOR	(psi)	3,000	3,000	2,500	3,000	3,000	2,500
Average MOE	(psi)	300,000	300,000	300,000	350,000	300,000	300,000
Average Internal Bond	(psi)	140	130	110	140	130	110
Face Screw Hold	(lb)	300	275	275	300	275	275
Edge Screw Hold*	(lb)	-	225	225	-	225	225
Thickness Tolerance	(in.)	+/-0.005"	+/-0.005"	+/-0.005"	+/-0.005"	+/-0.005"	+/-0.005"
Thickness Swell	(in./%)	0.065"	5.5%	5.5%	0.065"	5.5%	5.5%
Length and Width	(in.)	+/- 1/16"	+/- 1/16"	+/- 1/16"	+/- 1/16"	+/- 1/16"	+/- 1/16"
Squareness	(in.)	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"

  

Moncure, NC							
TRUPAN MR (Moisture Resistant)							
Thickness Range	(in.) (mm)	7/16" - 15 mm			5/8" - 1-1/4"		
Average MOR	(psi)	3,263			3,263		
Average MOE	(psi)	333,587			333,587		
Average Internal Bond	(psi)	94			94		
Face Screw Hold	(lb)	-			222		
Edge Screw Hold*	(lb)	-			177		
Thickness Tolerance	(in.)	+/-0.005"			+/-0.005"		
Thickness Swell	(in./%)	0.065"			5.5%		
Length and Width	(in.)	+/- 1/16"			+/- 1/16"		
Squareness	(in.)	1/8"			1/8"		

- The above physical properties are based on minimum allowable averages of individual production lots. Testing for conformance to the above specifications must be done in accordance with procedures described in the American National Standard for Medium Density Fiberboard. (ANSI 208.2 - 2022 section 6.2 Sampling for Acceptance).
- EPA recognized and CARB approved Third Party Certifier TPC-1.
- EPA TSCA Title VI certified. Complies with CARB ATCM 93120, ANSI 208.2 - 2022, for formaldehyde emissions.
- All panels are approved for interior, non-structural application.
- Contains 100% Recycled/Recovered wood content.

**Note:** \*Edge Screw test is not performed on products less than 5/8" thick (per the ANSI standard).

**Storage and Handling**

TRUPAN MDF products should never be stored or used outdoors. The indoor storage area should be clean, dry, well ventilated, and free of dust, dirt or particles that could contaminate the MDF. Store flat on stickers on a level, hard, dry surface. Constant relative humidity and temperature should be maintained. Before use, allow to stabilize to the same conditions as are expected after the panel is installed. Condition 48 to 72 hours prior to lamination. For more information, see Composite Panels Association Technical Bulletin: Storage and Handling of Particleboard and MDF.

**Safety Data Sheets available online.**



renewables  
for a  
better life