

Trupan Fire-Rated MDF is manufactured on our Trupan Plus platform using a chemical system to achieve a fire-rated Class A/Class 1 panel that is classified by Underwriter Laboratories for surface burning characteristics. Trupan Fire-Rated (FR) MDF is ideal for commercial and institutional projects when required by fire safety codes and specifications.

TRUPAN FIRE-RATED MDF				
Bennettsville, SC				
Thickness Range	(in.)	3/8" - 13/16"		7/8" - 1 1/8"
Average MOR	(psi)	4,000		4,000
Average MOE	(psi)	500,000		500,000
Average Internal Bond	(psi)	100		80
Face Screw Hold	(lb)	250		250
Edge Screw Hold	(lb)	225		225
Thickness Tolerance	(in.)	+/- .005		+/- .005
Length and Width	(in.)	+/- 1/16		+/- 1/16
Squareness	(in.)	+/- 1/8		+/- 1/8

- 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 2016 section 5.2 Sampling for Acceptance).
- Complies with formaldehyde emission requirements for MDF in CPA-ECC-2011, ANSI 208.2 2016 and CCR 93120.2 (CARB Composite Wood ATCM Phase II).
- All panels are approved for interior, non-structural application.
- Contains 100% Recycled/Recovered wood content.
- ASTM E 84 Standard Test for Surface Burning Characteristics of Building Materials
- UL723 Test for Surface Burning Characteristics of Building Materials
- CAN/ULC- S102 Test for Surface Burning Characteristics of Building Materials

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 Panel Association Technical Bulletin: Storage and Handling of Particleboard and MDF.

California Proposition 65 Requirement:

Warning: Drilling, sawing, sanding or machining wood products generates wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection.

Usage Notes:

Some laminates and coatings applied to Trupan FR MDF may change the flame spread rating. Standard available woodworking glues have been successfully used in lamination. Any adhesive should be tested for compatibility with the chemical system in Trupan FR MDF prior to full-scale gluing. Questions should be directed to the glue supplier. Wood veneers and other laminates should be tested for compatibility with Trupan FR MDF prior to use. Some wood veneers, laminates, and other types of products may have reactions to surface coatings and finishes, glues, pressing temperatures, moisture, contaminants, the chemical systems used to manufacture FR MDF products, the failure to use UV inhibitors, or due to other causes. Reactions may include discoloration to veneer or laminate. ARAUCO is not responsible for discoloration or for claims associated with discoloration. Please contact your Sales Representative for more information. When using Trupan FR MDF in wall systems, an integral vapor barrier must be a properly installed component of the wall in any of the following conditions: the wall has an exterior side and the wall separates spaces conditioned unequally.

