



Ideal for Commercial and INSTITUTIONAL PROJECTS

SPECIFICATION SHEET

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./mm)	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

- 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 - 2016 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 - 2016, CAN/CSA - 0160 - 16 for formaldehyde emissions.
- All panels are approved for interior, non-structural application.
- Contains 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 Panels Association Technical Bulletin: Storage and Handling of Particleboard and MDF.

Safety Data Sheets available online.

Usage Notes:

Some laminates applied to TRUPAN FR or VESTA FR MDF may change the flame spread rating. Standard available woodworking glues have been successfully used in lamination. However, some adhesives may have compatibility problems with the chemical system used to manufacture TRUPAN FR or VESTA FR MDF. Any adhesive should be tested for compatibility with the chemical system in TRUPAN FR or VESTA FR MDF prior to full-scale gluing. Questions should be directed to the glue supplier. When using TRUPAN FR or VESTA 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. Joints between panels to be designed to accommodate movement of up to .40 percent. Splined or articulated joints for reveals per AWI Section 500, 500A-G-4 "Joints and Transitions" or similar is suggested. Wood veneers and other laminates should be tested for compatibility with TRUPAN FR or VESTA 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, contaminates, 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.



renewables
for a
better life

arauco