



Ultra-Low Emitting VESTA TECHNOLOGY

SPECIFICATION SHEET

TRUPAN VESTA ULEF - Supports LEED® Credits

The products below are available with ultra-low emitting VESTA Technology:

- TRUPAN Standard ULEF
- TRUPAN Fire-Rated ULEF
- TRUPAN Lite ULEF
- TRUPAN High Density Fire-Rated ULEF
- TRUPAN Plus ULEF

TRUPAN VESTA ULEF MDF

		Malvern, AR				Bennettsville, SC			Sault Ste. Marie, ON			
		Trupan ULEF				Trupan ULEF			Trupan ULEF			
Thickness Range	(in./mm)	3/8" - 1/2"	15mm - 11/16"	18mm - 28mm	1 1/8" - 1 1/2"	3/8" - 13/16"	7/8" - 1 1/8"	1 3/16" - 1 1/2"	6mm - 8mm	9mm - 1/2"	9/16" - 7/8"	1" - 1 1/4"
Average MOR	(psi)	3,500	3,500	3,500	3,500	4,000	4,000	4,000	4,200	3,100	3,100	3,800
Average MOE	(psi)	350,000	350,000	350,000	350,000	500,000	500,000	500,000	450,000	400,000	420,000	480,000
Average Internal Bond	(psi)	105	100	95	90	100	90	85	175	120	110	110
Face Screw Hold	(lb)	300	275	275	275	250	250	275	N/A	300	250	275
Edge Screw Hold	(lb)	N/A	225	225	225	225	175	225	N/A	N/A	245	250
Thickness Tolerance	(in.)	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005
Length and Width	(in.)	+/- 1/16	+/- 1/16	+/- 1/16	+/- 1/16	+/- 1/16	+/- 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	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8

		Sault Ste. Marie, ON			Sault Ste. Marie, ON		Bennettsville, SC	
		Trupan Plus VESTA ULEF			Trupan Lite VESTA ULEF		Trupan HD FR VESTA ULEF	
Thickness Range	(in./mm)	9mm - 1/2"	9/16" - 7/8"	1" - 1 1/4"	7/16" - 1/2"	9/16" - 1 1/4"	3/8" - 13/16"	7/8" - 1 1/8"
Average MOR	(psi)	3,800	3,800	3,800	2,900	3,200	4,000	4,000
Average MOE	(psi)	460,000	480,000	495,000	370,000	400,000	500,000	500,000
Average Internal Bond	(psi)	155	155	145	110	100	100	90
Face Screw Hold	(lb)	340	320	320	250	240	250	250
Edge Screw Hold	(lb)	N/A	300	300	N/A	210	225	175
Thickness Tolerance	(in.)	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005
Length and Width	(in.)	+/- 1/16	+/- 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	+/- 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.

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.

TRUPAN FR VESTA 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

