



For Detail and EXCEPTIONAL FINISHINGS

SPECIFICATION SHEET

TRUPAN Standard MDF is a versatile product that will fit most general industrial uses including cabinets, fixtures and furniture components. An advanced refining process ensures a homogenous panel that is ideal for deep detailed profiling and finishing with exceptional performance results.

Trupan Standard MDF is manufactured in the United States, Canada and Brazil providing supply chain redundancy with Arauco's ability to supply these panels from multiple locations while maintaining the same high quality and consistency.

Our mills are FSC® Chain of Custody Certified (FSC-C019364 for North America and FSC-C010928 for Brazil), assuring wood used in manufacturing is derived from ethical sources. In Moncure, NC, Malvern, AR, and Sault Ste. Marie, ON, we manufacture Trupan MDF using recycled and recovered wood content from various North American pine and fir species. Our Pien plant, located in the Paraná region of southern Brazil, uses Taeda and Elliott pine fiber derived from residual wood from Arauco's sustainably managed forests in South America.

TRUPAN STANDARD MDF										
		Moncure, NC				Sault Ste. Marie, ON				
Thickness Range	(in./mm)	1/4" - 0.35"	0.36" - 7/16"	1/2" - 3/4"	7/8" - 1"	6mm - 8mm	9mm - 1/2"	9/16" - 7/8"	1" - 1 1/4"	
Average MOR	(psi)	4,205	3,915	3,915	3,915	4,200	3,100	3,100	3,800	
Average MOE	(psi)	449,500	449,500	449,500	449,500	450,000	400,000	420,000	480,000	
Average Internal Bond	(psi)	160	138	109	102	175	120	110	110	
Face Screw Hold	(lb)	300	270	275	275	N/A	300	250	275	
Edge Screw Hold	(lb)	NA	225	225	225	N/A	N/A	245	250	
Thickness Tolerance	(in.)	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	
Length and Width	(in.)	+/- 0.08	+/- 0.08	+/- 0.08	+/- 0.08	+/- 1/16	+/- 1/16	+/- 1/16	+/- 1/16	
Squareness	(in.)	<0.036" / foot	<0.036" / foot	<0.036" / foot	<0.036" / foot	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	

		Malvern, AR				Pien do Brazil					
Thickness Range	(in./mm)	3/8" - 1/2"	15mm - 11/16"	18mm - 28mm	1 1/8" - 1 1/2"	7 - 9mm	10 - 11.5mm	12mm	15 - 19mm	20 - 22mm	25mm
Average MOR	(psi)	3,500	3,500	3,500	3,500	4800 - 5300		4000 - 4600			
Average MOE	(psi)	350,000	350,000	350,000	350,000	377,000 - 435,000		348,000 - 406,000			
Average Internal Bond	(psi)	100	95	90	85	100-130	100 - 130	100 - 130	100 - 130	100 - 130	100 - 130
Face Screw Hold	(lb)	300	300	285	275	-	-	-	236	236	236
Edge Screw Hold	(lb)	N/A	225	225	225	-	-	-	191	191	191
Thickness Tolerance	(in.)	+/- .005	+/- .005	+/- .005	+/- .005	Swelling 24 Hr %					
Length and Width	(in.)	+/- 1/16	+/- 1/16	+/- 1/16	+/- 1/16	≤15	≤13	≤13	≤11	≤10	≤10
Squareness	(in.)	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	≤15	≤13	≤13	≤11	≤10	≤10

- 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.

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 particleboard. 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.

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