

For Detail and EXCEPTIONAL FINISHINGS

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.

Standard MDF is manufactured in the United States, Canada and Brazil providing supply chain redundancy with the manufacturer'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 Standard 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 the manufacturer's sustainably managed forests in South America.

STANDARD MDF SPECIFICATIONS

		Moncure, NC			Sault Ste. Marie, ON				
Thickness Range	(in.) (mm)	5.5 mm - 15 mm	5/8" - 1-1/4"	7.5 mm	6 mm, 8 mm, 1/4"	9 mm - 15 mm	5/8" - 7/8"	25 mm - 30 mm	1-1/4"
Average MOR	(psi)	3,200	3,200	4,729	4,300	3,200	3,200	3,200	3,200
Average MOE	(psi)	333,587	333,587	459,000	447,000	404,000	404,000	404,000	404,000
Average Internal Bond	(psi)	109	109	189	161	109	109	109	109
Face Screw Hold	(lb)	-	222	-	-	250	250	250	250
Edge Screw Hold*	(lb)	-	177	-	-	-	225	225	225
Thickness Tolerance	(in.)	+/- 0.005"	+/- 0.005"	+/- 0.005"	+/- 0.005"	+/- 0.005"	+/- 0.005"	+/- 0.005"	+/- 0.005"
Length and Width	(in.)	+/- 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"

		Malvern, AR				Pien do Brazil					
Thickness Range	(in.) (mm)	3/8" - 1/2"	15 mm - 11/16"	18 mm - 28 mm	1-1/8" - 1-1/2"	7 mm - 9 mm	10 mm - 11.5 mm	12 mm	15 mm - 19 mm	20 mm - 22 mm	25 mm
Average MOR	(psi)	3,500	3,500	3,500	3,500	4,800 - 5,300		4,000 - 4,600			
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)	-	225	225	225	-	-	-	191	191	191
Thickness Tolerance	(in.)	+/- 0.005"	+/- 0.005"	+/- 0.005"	+/- 0.005"	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"						

- 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

Standard 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.

