

Trupan High Plus is our highest rated physical property MDF. It provides a uniform density profile which offers a stable core and surface making it highly suitable for printing, painting and laminating. Its elevated physical properties and highly refined fiber composition, make it a preferred product for routed doors as well as edge machining applications.

TRUPAN HIGH PLUS MDF							
		Eugene, OR			Bennettsville, SC		
Thickness Range	(in./mm)	3/8" - 15mm	5/8" - 13/16"	1 1/8"	3/8" - 13/16"	7/8" - 1 1/8"	1 3/16" - 1 1/2"
Average MOR	(psi)	4,000	4,000	3,500	4,000	4,000	4,000
Average MOE	(psi)	350,000	350,000	350,000	500,000	500,000	350,000
Average Internal Bond	(psi)	130	130	110	150	135	125
Face Screw Hold	(lb)	340	340	300	300	275	275
Edge Screw Hold	(lb)	N/A	290	250	250	225	225
Thickness Tolerance	(in.)	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005
Length and Width	(in.)	+/- 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

		Sault Ste. Marie, ON	Malvern, AR			Moncure, NC		
Thickness Range	(in./mm)	5/8" - 3/4"	3/8" - 13/16"	7/8" - 1 1/8"	1 3/16" - 1 1/2"	1/4" - 7/16"	1/2" - 3/4"	7/8" - 1"
Average MOR	(psi)	4,000	4,000	4,000	3,500	4,640	4,640	3,190
Average MOE	(psi)	500,000	400,000	400,000	350,000	478,500	478,500	449,500
Average Internal Bond	(psi)	160	150	135	125	189	181	181
Face Screw Hold	(lb)	350	350	300	300	340	330	320
Edge Screw Hold	(lb)	345	N/A	280	270	NA	320	325
Thickness Tolerance	(in.)	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005
Length and Width	(in.)	+/- 1/16	+/- 1/16	+/- 1/16	+/- 1/16	+/- 0.08	+/- 0.08	+/- 0.08
Squareness	(in.)	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	<0.036" / foot	<0.036" / foot	<0.036" / foot

- 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.

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.

