

Langboard's diverse line of products are ideally suited for laminating, painting, moulding, routing and wrapping. Its uniform density, from board to board and surface to core, maximize performance and productivity while reducing rejects, and tool wear.

Industrial Grade MDF

Langboard Industrial panels are used in the furniture industry, wrapped mouldings, core for veneer applications, and other basic uses. Along with the Industrial Grade we can give you a high internal bond for the slot-wall industry.



Industrial Grade Physical Property Averages

Thickness	Target Density (lbs. cu./ft.)	Target IB (psi)	MOR (psi)	MOE (psi)	Face Screw Holding (lbs.)	Edge Screw Holding (lbs.)
3/8"	51.5	140	4200	420,000	-	-
1/2"	49.5	130	4200	420,000	325	-
5/8"	48.5	130	4200	420,000	325	250
11/16"	48.5	130	4200	420,000	325	250
3/4"	48.5	120	4200	420,000	325	250
1"	47.5	120	3800	400,000	300	225
1 1/8"	45.0	100	3800	400,000	300	225
1 1/4"	42.0	100	3800	400,000	300	225

Moulding Grade MDF

Langboard Lite Moulding Grade is lighter in density with a good, consistent core. This enables a good, smooth surface after machining. The manufacturing process ensures good machineability with no raised fibers, which performs well in priming and painting applications.

Moulding Grade Physical Property Averages

Thickness	Target Density (lbs. per cu./ft.)	Target IB (psi)	MOR (psi)	MOE (psi)	Face Screw Holding (lbs.)	Edge Screw Holding (lbs.)
3/8"	47.0	140	4200	410,000	-	-
1/2"	44.5	130	4000	410,000	225	-
9/16"	44.5	130	3300	340,000	225	-
5/8"	44.5	130	3300	340,000	225	200
11/16"	44.5	120	3300	340,000	225	200
3/4"	44.5	120	3300	340,000	225	200
1"	44.5	120	3300	340,000	225	200

Elite Langboard MDF

Langboard Elite MDF is designed specifically for painted and bladder pressed doors for the cabinet door industry. Our quality standards ensure better machineability with no raised fibers. This is achieved by a more uniform density throughout the board with a flatter profile.

Langboard Elite Physical Property Averages

Thickness	Target Density (lbs. per cu./ft.)	Target IB (psi)	MOR (psi)	MOE (psi)	Face Screw Holding (lbs.)	Edge Screw Holding (lbs.)
5/8"	48.5	180	4200	410,000	325	250
3/4"	48.5	200	4200	410,000	325	250
7/8"	46.5	180	4300	420,000	330	260
1"	47.0	180	4300	420,000	330	260

Packaging & Transportation

Size:	Pcs. Per Unit	Size:	Pcs. Per Unit	Size:	Pcs. Per Unit
3/8"	63	11/16"	36	1 1/16"	21
7/16"	54	3/4"	33	1 1/8"	21
1/2"	48	7/8"	27	1 3/16"	18
9/16"	42	15/16"	24	1 1/4"	18
5/8"	39	1"	24		



** Langboard transports product by truck and by rail. Contact Langboard Sales Department for freight and rail rate information

Langboard & The Environment



Langboard MDF is a GREEN product in that 100% of its wood content comes from recycled wood. Many years ago this wood was burned or filled up landfills but is now made into beautiful panels to manufacture moulding, furniture, and cabinets to name a few. Langboard MDF is a GREEN product in that 100% of its wood content comes from recycled wood. Many years ago this wood burned or filled up landfills but is now made into beautiful panels to manufacture moulding, furniture, and cabinets to name a few. Langboard MDF is certified as an Eco Certified Composite by the Composite Panel Association. Langboard MDF also offers PEFC certified products.

Furthermore, The Langdale Company, parent company of Langboard MDF, has been involved in forest stewardship for more than 100 years. Certified by the American Tree Farm System, the company has been a leader in the industry by sustaining forests and the environment through sound environmental management practices. The Langdale Company will continue to do its part by planting trees, managing timberlands, protecting our rivers and streams, and striving to increase wildlife populations throughout the southeastern U. S., just as we have done for decades. We trust you will continue to purchase Langboard MDF, safe in the knowledge that our MDF products are independently verified to come from renewable, sustainable timberland monitored by one of the nation's most respected forest product companies.



Langboard MDF meets or exceeds ANSI-208-2 MDF Specifications

