

NILEWOOD MDF BOARD

TECHNICAL DATA SHEET



NILEWOOD MDF Board is a High-Quality Standard Production, it is resilient with consistent Length, Width, and Thickness measurements, making it Suitable for working on Different Machines, Lamination and Routers.

NILEWOOD MDF Boards Achieve the following specifications:

BOARD PROPERTIES	Test Method	UNITS	FINAL THICKNESS BOARD (mm)					
			2.5 – 4 mm	4 – 6 mm	6 – 9 mm	9 – 12 mm	12 – 19 mm	Over 19 mm
Thickness Tolerance	EN-325	mm	± 0.2					
Size Tolerance	EN-325	mm	± 5.0					
(Length/Width)	EN-325							
Average Density	EN 323	Kg/m3	800 - 850	740 - 800	720 - 780	700 - 760	680 - 720	650 – 700
Squareness (Diagonal)	EN-325	mm	± 5.0					
Density Distribution (Top and Bottom)	EN 323	Kg/m3	>820	>750	>720	>700	>680	>650
Density Distribution (Core)	EN 323	Kg/m3	>720	>680	>650	>620	>600	>580
Internal Bond (IB)	EN 319	(N/mm2)	0.65	0.65	0.6	0.55	0.55	0.55
Modulus of Rupture (MOR)	EN 310	(N/mm2)	23	23	23	22	20	18
Modulus of Elasticity MOE)	EN 310	(N/mm2)		2700	2700	2500	2200	2100
Screw Holding (Surface)	EN 320	N	N/A	N/A	N/A	1050	1000	900
Screw Holding (Edge)	EN 320	N	N/A	N/A	N/A	850	850	650
Toluene Test surface absorption	EN 382	mm	Premium Grade : ≥100					
	EN 382	(minimum)	Utility Grade : ≥50	Utility Grade : ≥80				
Moister Content	EN 322	%	5 - 8					

APPLICATIONS

- Doors
- Flooring
- Kitchen Cabinets
- Office Furnitures
- Hotel Furnitures
- Residential Furnitures
- Paneling
- Decoration

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