

Ultralight MDF Specifications



Product Information

At less than 30% the weight of standard MDF, our Ultralight MDF offers superior surface quality and easy workability. This reduced density fiberboard is produced in Chile and provides a smooth, flawless surface and consistent density profile, allowing for a clean and easy routing process. The Ultralight MDF panel is the ideal choice for millwork and lamination applications where finished product weight is a concern.

Applications

Ultralight MDF is perfect for a variety of uses including, but not limited to, cabinets, furniture, moulding and cabinetry in RVs and boats, store display fixtures, doors, dividers, cubicles, school furniture, and wall paneling.



Origin	Species	Size	Glue Type
Chile	MDF	4'x8', 4'x10', 5'x8', 5'x12'	Interior, TSCA Title VI / EPA (Carb)

Property	Testing Method	Tolerance	Unit	Thickness (12mm)	Thickness (15mm)	Thickness (18mm)	Thickness (25mm)
Sheets Per Crate				80	64	53	38
Density	EN 323	± 1.6	PCF	32.5	32.5	32.5	32.5
Internal Bond (IB)	EN 319	± 22	PSI	87	87	87	87
Bending Strength (MOR)	EN 310	± 218	PSI	3191	3191	2901	2756
Modulus of Elasticity (MOE)	EN 310	± 73	PSI x 1000	290	275	261	232
Thickness Swelling	EN 317		%	15	12	10	10
Moisture Content							
Face Screw	EN 320		p	191	191	191	191
Edge Screw	EN 320		p	146	146	146	146

Dimensional Tolerances			
Thickness	EN 324-1	± 0.0079	in
Length and width	EN 324-1	± 0.0245	in/ft
Angle (Diagonal size difference)	EN 324-2	± 0.0245	in/ft
Edge Straightness	EN 324-2	± 0.0245	in/ft

Based on availability, USply reserves the right to substitute product that may vary in species, core, country of origin, and/or other specifications.

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