

MDF

Specifications



	STANDARD MDF	ULTRA LIGHT MDF
SPECIES		Hardwood & Softwood
CORE		Hardwood & Softwood
SIZE		49"x97", 49"x121", 61"x145"
GLUE TYPE		Interior, TSCA Title VI
APPLICATIONS		Cabinets, furniture, drawer and furniture bottoms, shelving, interior doors and door frames, mouldings and trim, decorative and craft projects



STANDARD MDF	METRIC	3MM	5.2MM	5.5MM	1/4"	3/8"
SHEETS PER CRATE (MAY VARY)		264	162	156	138	96
THICKNESS VARIATION	mm	± 0.125	± 0.125	± 0.125	± 0.125	± 0.125
DENSITY	kg/m ³	700-890	700-890	700-890	700-890	700-890
INTERNAL BOND (IB)	N/mm ²	≥ 1.58	≥ 1.58	≥ 1.58	≥ 1.58	≥ 1.58
BENDING STRENGTH (MOR)	N/mm ²	≥ 52.69	≥ 52.69	≥ 52.69	≥ 52.69	≥ 52.69
MODULUS OF ELASTICITY (MOE)	N/mm ²	N/A	N/A	N/A	N/A	N/A
THICKNESS SWELLING		≤ 1.17mm	≤ 1.17mm	≤ 1.17mm	≤ 1.17mm	≤ 1.17mm
MOISTURE CONTENT	%	5.8	5.8	5.8	5.8	5.8
SCREW HOLDING (FACE)	N	N/A	N/A	N/A	N/A	N/A
SCREW HOLDING (EDGE)	N	N/A	N/A	N/A	N/A	N/A
LENGTH/WIDTH TOLERANCES	mm	± 2	± 2	± 2	± 2	± 2

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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ULTRA LIGHT MDF	METRIC	12MM	15MM	18MM	25MM
SHEETS PER CRATE (MAY VARY)		78	58	49	35
THICKNESS VARIATION	mm	± 0.2	± 0.2	± 0.2	± 0.3
DENSITY	kg/km ³	530 (± 30)	530 (± 30)	530 (± 30)	530 (± 30)
INTERNAL BOND (IB)	N/mm ²	0.35	0.35	0.35	0.35
BENDING STRENGTH (MOR)	N/mm ²	18	16	16	14
MODULUS OF ELASTICITY (MOE)	N/mm ²	1400	1300	1300	1200
THICKNESS SWELLING	%	18	14	14	13
MOISTURE CONTENT	%	6 (± 2)	6 (± 2)	6 (± 2)	6 (± 2)
SANDING GRIT	Grit	150	150	150	150
LENGTH/WIDTH TOLERANCES	mm/m	± 2 mm/m (max of ± 5mm)	± 2 mm/m (max of ± 5mm)	± 2 mm/m (max of ± 5mm)	± 2 mm/m (max of ± 5mm)



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