

Result®



2800 x 2070mm / 2440 x 1220mm

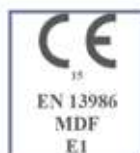
CUSTOM SIZES (on request)

Industry Leading Density (μ -790kg/m³)

LONDON
MERCHANT

RAW moisture resistant MDF board

Moisture resistant MDF boards and panels are characterized by increased density. Produced by the dry pressing method under the high pressure the plates and panels are highly resistant to moisture, do not swell in the moist medium, do not warp and go to ruin under the influence of steam.



Physical and mechanical parameters of water-resistant MDF plates

Nominal thickness of plates, mm	6-9	9-12	12-19
Thickness swelling during 24 h, % (EN 317)	17	15	15
Durability in stretching across the plates, MPa (EN 319)	0,8	0,75	0,75
Flexural strength, MPa (EN 310)	27	26	24
Elastic modulus in flexure, MPa (EN 310)	2 700	2 500	2 400
Separation of surface, min H/mm2 (EN311)	1		
Resistivity of pulling screws out from the plate, min, H (EN320)	Measured for thickness > 15 mm		100
Resistivity of pulling screws out from the edge, min, H (EN320)	Measured for thickness > 15 mm		800
Mineral content, max, % (ISO 3340)	0,45		
Formaldehyde content mg/100g (EN 320)	≤ 8 emission class E1/ CARB FSC/ E 0,5		
Humidity, % (EN 322)	4-11		
Absorption of water 24 h, max, %	40		
Amount of sand (max) %	0,05		
Nominal density (kg/m ³) 7%	820	790	790
Deviation from the straightness of edge, mm/m	≤ 1		

Size	Standards of thickness (mm)
2800 X 2070 mm	6 / 8 / 10 / 12 / 15 / 18 / 22 / 25 / 30
2440 X 1220 mm	



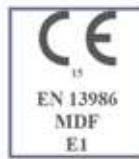
Moisture resistant MDF boards and panels are fabricated from highly qualified timber and characterized by excellent sound proofing properties. These are easily yield to mechanical processing by standard tools, possess high properties of durability and hardness and at the same time plasticity in processing.

So moisture resistant MDF boards and panels can be used as wall panels, base for fabrication of kitchen and bathroom constructions and for some other aims. These boards can be used in the humid environment and can be endure casual contact with moisture. The moisture-resistant surface of MDF panels allows you to apply decorative materials or paints on ready-made furniture, which allows designers of furniture to introduce their art ideas in life.



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