

Technical Datasheet



UV High Gloss MDF

Size: 1220 x 2400 x 18 mm

Board Type : MDF Medium Density Fiber Board

Board Thickness : 18 mm
Board Density : ≥680 kg/m³

Board Front Side : 100% UV acrylic resin based decorative lacquer which is

cured by UV (ultra violet) rays in a series of closed chambers. UV coating is a type of polished coating applied to MDF panel surface with melamine impregnated layer.

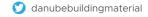
Board Back Side : Covered with melamine paper



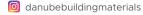
Properties	Unit	Value
Internal Board Strength	N/mm²	0.61
Bending Strength	N/mm²	35
Modules Of Elasticity	N/mm²	3340
Swelling In Thickness 24h	%	≤ 12
Surface Soundness	N/mm²	≥ 1.2
Screw Withdrawl Surface	N	≥ 1250
Screw Withdrawl Edge	N	1040
Sand Content	%	≤0.02
Moisture Content	%	6 ± 2
Formaldehyde Content	Mg/100g	E2 or E1
GENERAL TOLERANCES	UNIT	
Length Tolerance	mm	±2mm/m, maximum ±5
Width Tolerance	mm	±2mm/m, maximum ±5
Squareness	mm/m	≤ 5.0mm/m
Edge Straightness	mm/m	≤ 2 mm/m
Thickness Tolerance	mm	± 0.3mm/m
Standard Sanding		K180
UV FACING ITEM	UNIT	RESULTS
Uv Paint Layer	LAYER	6
Thickness Of Uv Facing	mm	0.5 ± 0.1
Melamine Paper On Back Side	g/m²	120 ± 10











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