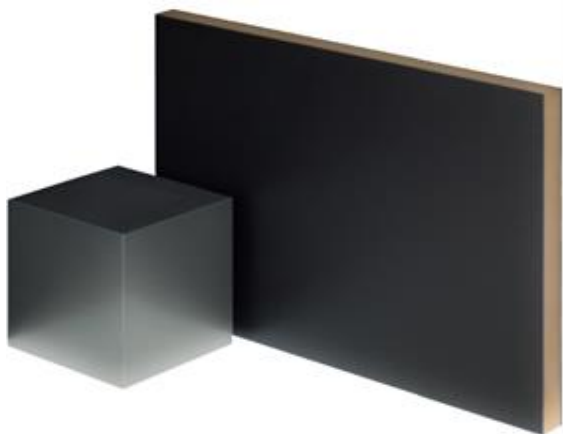


## Technical data sheet

### Product: Acrylic Matt MDF



### Product identification

Used in luxury furniture components, kitchen frontals, interior design and commercial spaces, Acrylic Matte Boards offer exceptional smooth finish that is soft to touch, improved anti-fingerprint properties and improved scrub resistance.

They are based on a 15, 17 and 24 mm MDF material covered with 0.7 mm matte lacquered acrylic on the front side and 0.6 mm high-impact polystyrene film on the reverse to improve stability.

Supplied with a PE foil to protect the surface, Acrylic Matte boards have excellent chemical resistance and high UV stability.

By the request of customers, we make boards according to EN16516.

Requirements for mechanical properties						
Properties	Norm	Unit	Thickness range			
			>9-12 mm	>12-19 mm	>19-30 mm	>30-40 mm
Density	EN 323	kg/m <sup>3</sup>	780 ± 20			
Internal bond	EN 319	N/mm <sup>2</sup>	≥ 0,60	≥ 0,55		≥ 0,50
Bending strength	EN 310	N/mm <sup>2</sup>	≥ 22	≥ 20	≥ 18	≥ 17
Modulus of Elasticity	EN 310	N/mm <sup>2</sup>	≥ 2500	≥ 2200	≥ 2100	≥ 1900
Swelling in thickness, 24 h	EN 317	%	≤ 15	≤ 12	≤ 10	≤ 8
Moisture	EN 322	%	4-11			
Formaldehyde content	EN ISO 12460-5	≤ 4 mg / 100 g				
General requirements						
Properties	Norm	Unit	Value			
Thickness tolerance	EN 324-1	mm	≤ 19 mm ± 0,2 >19 mm ± 0,3			
Width and length tolerance	EN 324-1	mm	2 mm/m max. ± 5,0 mm			
Edges tolerance	EN 324-2	mm/m	1,5			
Squareness tolerance	EN 324-2	mm/m	2,0			
Optical properties						
Properties	Norm	Unit	Value			
Gloss level (60° gloss master)	DIN 67530	GLE	< 8			
Scratch resistance	DIN 68861/T4	N	> 2,5			
Color stability – 200 h Xenon test	ISO 4892-2		< 1,7			

### Manufacturer identification:

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