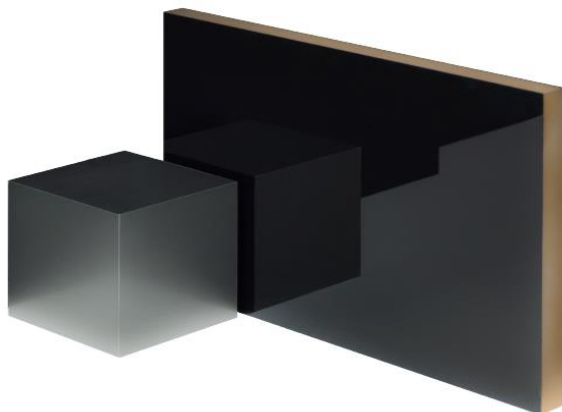


Technical data sheet

Product: Acrylic Gloss MDF



Product identification

Used in luxury furniture components, kitchen frontals, interior design and commercial spaces, Acrylic Gloss Boards offer exceptionally high gloss levels and improved scrub resistance.

They are based on a 17 mm MDF material covered with gloss lacquered acrylic on the front side and high-impact polystyrene film on the reverse to improve stability.

Supplied with a PE foil to protect the surface, Acrylic Gloss 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 EN 922-5	kg/m ³	780 ± 20			
Internal bond	EN 319 EN 622-5	N/mm ²	≥ 0,60	≥ 0,55		≥ 0,50
Bending strength	EN 310 EN 622-5	N/mm ²	≥ 22	≥ 20	≥ 18	≥ 17
Modulus of Elasticity	EN 310 EN 622-5	N/mm ²	≥ 2500	≥ 2200	≥ 2100	≥ 1900
Swelling in thickness, 24 h	EN 317 EN 622-5	%	≤ 15	≤ 12	≤ 10	≤ 8
Moisture	EN 322 EN 622-1	%	4-11			
Formaldehyde content	EN ISO 12460-5	≤ 4 mg / 100 g				

General requirements

Properties	Norm	Unit	Value
Thickness tolerance	EN 324-1 EN 622-1	mm	± 0,3
Width and length tolerance	EN 324-1 EN 622-1	mm	2 mm/m max. ± 5,0 mm
Edges tolerance	EN 324-2 EN 622-1	mm/m	1,5
Squareness tolerance	EN 324-2 EN 622-1	mm/m	2,0

Optical properties

Properties	Norm	Unit	Value
Gloss level (60° gloss master)	DIN 67530	GLE	>85
Scratch resistance	IHD W-466		Class 1 - < 20 %
Color stability – 200 h Xenon test	ISO 4892-2		< 1,7

Manufacturer identification:

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