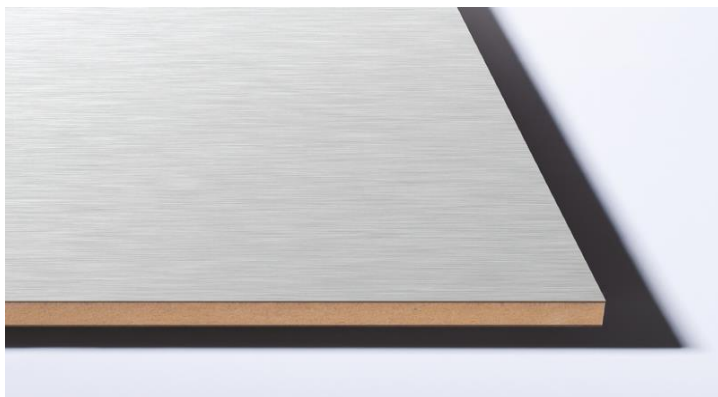


Technical data sheet

Product: Aluminium faced MDF



Product identification

Aluminium MDF boards help to create individual and appealing interior design projects. Ideal for vertical furniture elements. Their scratch resistant surface guarantees long lasting good looks.

The boards are produced from high quality MDF substrate laminated with real aluminium with a scrub resistant coating and covered with protective foil.

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 622-5	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	≤ 19 mm ± 0,2 >19 mm ± 0,3
Width and length tolerance	EN 324-1 EN 622-1	mm	± 5
Edges tolerance	EN 324-2 EN 622-1	mm/m	≤ 3
Squareness tolerance	EN 324-2 EN 622-1	mm/m	≤ 1,5

Optical properties

Properties	Norm	Unit	Value
Resistance to surface abrasion	EN 14323	IP (rpm)	≥ 150
Scratch resistance	EN 14323	Grade	≥ 1,5

Manufacturer identification:

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