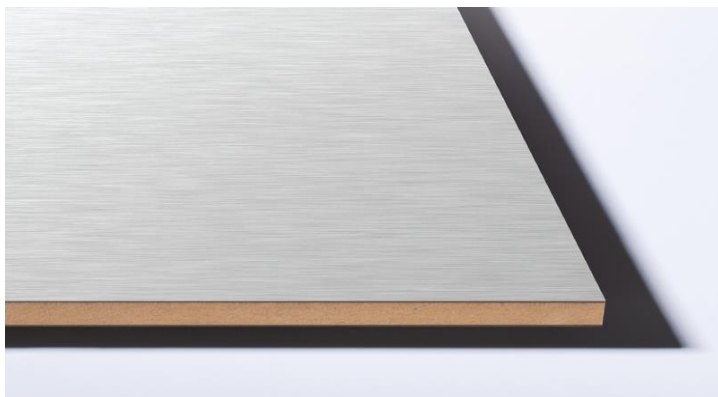


## Technical data sheet

### 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	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	0,5 ≤ t ≤ 1,0 ± 0,1 1,0 < t < 2,0 ± 0,15
Width and length tolerance	EN 324-1	mm	+10 / -0
Edges tolerance	EN 324-2	mm/m	≤ 1,5
Squareness tolerance	EN 324-2	mm/m	≤ 1,5

#### Optical properties

Properties	Norm	Unit	Value
Resistance to surface abrasion	438 - 2.10	IP (rpm)	≥ 150
Scratch resistance	438 - 2.25	Grade	≥ 1
Dry heat resistance	438 - 2,16	Grade	≥ 4

### Manufacturer identification:

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