

Product: **Aluminium MDF** [in accordance with EN 622-5]  
Emission class **E1** [in accordance with EN 13986:2004]  
Purpose **MDF board laminated with aluminium sheet for furniture production and permanent installation in buildings for non-load-bearing purposes in the danger class 1 according to EN 335-3 (dry conditions)**

### Technical data

Property	Norm	Unit	Thickness range			
			>9-12 mm	>12-19 mm	>19-30 mm	>30-4 mm
Density	EN 323	kg/m <sup>3</sup> ±7%	770	760		740
Internal bond	EN 319	N/mm <sup>2</sup>	≥ 0,8	≥ 0,7		≥ 0,6
Bending strength	EN 310	N/mm <sup>2</sup>	≥ 22	≥ 20	≥ 18	≥ 17
E- Modul	EN 310	N/mm <sup>2</sup>	≥ 2500	≥ 2200	≥ 2100	≥ 1900
Swelling in thickness - 24 h	EN 311	%	≤ 15	≤ 12	≤ 10	≤ 8
Moisture	EN 322	%	4-11			
Perforator value (H=6,5%)	EN 120	mg/100g	≤ 8,0			

### General conditions:

Property	Norm	Unit	Value
Thickness tolerance	EN 324-1	mm	≤ 19 mm ± 0,2 >19 -40 mm ± 0,3
Width and length tolerance	EN 324-1	mm	2 mm/m max. ± 5,0 mm
Smoothness of edges	EN 324-2	mm/m	1,5
Squareness	EN 324-2	mm/m	2,0