


	Technical data sheet Type: MDF "E1" General purpose in dry conditions	 EN 13986 MDF E1
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Physical-Technical Characteristics	Test method	Unit	Range of nominal thicknesses (mm)													
			6 - 9		> 9 - 12		>12 - 19		>19 - 30		>30 - 45		50		55	
			min. ¹		min. ¹		min. ¹		min. ¹		min. ¹		min. ¹		min. ¹	
Internal bond	EN 319	N/mm ²	0,65		0,65		0,60		0,60		0,55		0,50		0,50	
Bending strenght	EN 310	N/mm ²	23		22		20		18		17		15		15	
Modulus of elasticity	EN 310	N/mm ²	2700		2500		2200		2100		1900		1700		1700	
Thickness swelling 24h	EN 317	%	17		15		12		10		8		6		6	
Screwholding			Not applicable for thickness less than 15 mm				1000		1000		1000		1000		1000	
Face	EN 320	N	Not applicable for thickness less than 15 mm				1000		1000		1000		1000		1000	
Edge	EN 320	N	Not applicable for thickness less than 15 mm				800		750		700		700		700	
Surface soundness	EN 311	N/mm ²	1,2		1,2		1,2		1,2		1,2		1,2		1,2	
Surface absorption	EN 382-1	mm	150		150		150		150		150		150		150	
Other data																
Density	EN 323	Kg/m ³	800 ± 5%		780 ± 5%		760 ± 5%		730 ± 5%		730 ± 5%		720 ± 5%			
Thickness tolerance	EN 324-1	mm	± 0.2													
Lenght and width tolerance	EN 324-1	mm/m	± 2.0 mm/m , absolute maximum ± 5.0 mm													
Squareness	EN 324-2	mm/m	± 2.0													
Moisture content	EN 322	%	4 - 11													
Sand content	ISO 3340	%	≤ 0.05													
Formaldehyde ² Classe E1	EN12460-5	Mg/ 100g	≤ 8													

1- Minimum values indicate minimum required performance (these are maximum values in the case of thickness swelling and minimum values in all others cases), according to EN 622-5.

2- The formaldehyde values indicate the formaldehyde content, determined using the perforator method, and relate to a panel moisture content of 6,5 %.Formaldehyde class E1.