

# MDF-BOARD



These are high-quality base boards that are made of **wood fibres**. Very fine-structured wood is used as the raw material, producing a very uniform board that is extremely suitable **for fine interior work**.

Technical characteristics (average target values for the panels)			MDF	MDF Fire-resistant	MDF Moisture-resistant	MDF Black and Moisture-resistant
Specifications	Standard	Unit		Fire class B	P3	P3
Density	EN 323	kg/m <sup>3</sup>	570 - 720*	720 - 770*	700 - 790*	700 -790*
Flexural strength	EN 310	N/mm <sup>2</sup>	15 - 23	25 - 35	28 - 35	28 -34
Surface tensile strength	EN 311	N/mm <sup>2</sup>	1,0	1,2	1,2	1,2
Modulus of elasticity	EN 310	N/mm <sup>2</sup>	1500 - 2400	2500 - 3000	2600 - 3200	2600 - 3000
Moisture content	EN 322	%	4 - 10	4 - 10	4 - 10	4 - 10
Formaldehyde emission	EN 120		E1	E1	E1	E1
Thickness tolerance	EN 324-1	mm	± 0,2	± 0,2	± 0,2	± 0,2
Size variability	EN 324	mm	± 5	± 5	± 5	± 5
Thermal conductivity	EN 12524	W/m.K	0,15	0,15	0,15	0,15
PCP content	EN 13986	ppm	< 5	< 5	< 5	< 5
Fire safety category	EN 13501		D	B	D	D
Perpendicular tensile strength	EN 319	N/mm <sup>2</sup>	0,45 - 0,70	0,60 - 0,75	0,70 - 0,90	0,70 -0,80
Swelling after 24 h. (18 mm)	EN 317	%	< 16	< 10	< 8	< 8

\* Density different types of MDF board: 560-620 = L-MDF / 650-670 = MEDIUM MDF / 720 = STANDARD MDF / 820 -950 = HDF (high density fiberboard)

STOCKMATRIX	Final thickness	4 mm	5 mm	6 mm	7 mm	9 mm	10 mm	11 mm	13 mm	16 mm	17 mm	18 mm	19 mm	20 mm	23 mm	26 mm	29 mm	31 mm	39 mm
MDF-BOARD	2070 x 1220 mm														✓				
	2440 x 1220 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓	✓	✓	✓	✓
	2500 x 1240 mm										✓		✓						
	2800 x 2070 mm	✓				✓			✓	✓	✓		✓		✓	✓	✓	✓	✓
	3050 x 1220 mm	✓			✓	✓			✓	✓	✓		✓		✓	✓	✓	✓	✓
	3050 x 1530 mm												✓						
MDF-BOARD Fire-resistant Fire class B	2440 x 1220 mm												🔥						
	2800 x 2070 mm													🔥					
MDF-BOARD P3 Moisture-resistant	2440 x 1220 mm												💧						
MDF-BOARD Black P3 Moisture-resistant	2440 x 1220 mm											⬛							
	2800 x 2070 mm											⬛							

Size tolerance: L ± 5 mm, W ± 5 mm, thickness ± 0,2 mm  
Other dimensions available on request / Panels can be cut to size .

Current matrix on [www.decospa.com](http://www.decospa.com)