

# Technical Specifications MDF

## Classic MDF

Properties	ANSI A208.2-2002		Typical values	
	GRADE 130			
	Metric	Imperial	Metric	Imperial
Moisture content	Max. 9%		4-6%	
Density	500-1 000 kg/m <sup>3</sup>	31-62 lb/ft <sup>3</sup>	710 kg/m <sup>3</sup>	44 lb/ft <sup>3</sup>
Thickness tolerance :				
Between panels	± 0.125 mm	± 0.005 in	± 0.125 mm	± 0.005 in
Within panels	± 0.125 mm	± 0.005 in	± 0.125 mm	± 0.005 in
Modulus of rupture	24 N/mm <sup>2</sup>	3 481 psi	24 N/mm <sup>2</sup>	3 481 psi
Modulus of elasticity	2 400 N/mm <sup>2</sup>	348100 psi	2 400 N/mm <sup>2</sup>	348100 psi
Internal bond	0.6 N/mm <sup>2</sup>	87 psi	0.6 N/mm <sup>2</sup>	87 psi
Linear expansion	≤ 0.30%		< 0.30%	
Screw holding :				
Face	1 100 N	247 lb	1 100 N	247 lb
Core	875 N	197 lb	875 N	197 lb
Formaldehyde emission	≤ 0.21 ppm (CARB PHASE 1)		0.05 - 0.18 ppm	
Length / Width	± 2.0 mm	± 0.08 in	± 2.0 mm	± 0.0 in
Thickness swell	Max. 10 %	Max. 10 %	5%	5%

Its light-coloured, uniformly dense panel makes it ideal for shaping, machining, laminating, painting or lacquering.