

M-3i

Technical Specifications

Properties	ANSI A208.1-2009 (Grade M-3i)	
	Metric	Imperial
Moisture content	Max. 10%	
Density range	650-730 kg/m ³	40.6-45.6 lb/ft ³
	Typical density value for Uniboard mills	
Thickness tolerance		
Between panels	± 0.200 mm	± 0.008 in
Within panels	± 0.100 mm	± 0.004 in
Modulus of rupture	15.0 N/mm ²	2,176 psi
Modulus of elasticity	2,500 N/mm ²	362,600 psi
Internal bond	0.50 N/mm ²	73 psi
Linear expansion	< 0.40%	
Screw holding		
Face	1,000 N	225 lb
Core	900 N	202 lb
Formaldehyde emissions	≤ 0.09 ppm (CARB 2)	
Length-Width	± 2.0 mm	± 0.18 in

Uniboard Particleboard meets the requirements of ANSI A208.1-2009/Grade M-3i and is available as FSC® certified



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