

M-2

Technical Specifications

Properties	ANSI A208.1-2009 (Grade M-2)	
	Metric	Imperial
Moisture content	Max. 10%	
Density range	620-670 kg/m ³	38.7-41.8 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	13.0 N/mm ²	1,885 psi
Modulus of elasticity	2,000 N/mm ²	290,100 psi
Internal bond	0.40 N/mm ²	58 psi
Linear expansion	< 0.40%	
Screw holding:		
Face	900 N	202 lb
Core	800 N	180 lb
Formaldehyde emission	≤ 0.09 ppm (CARB 2)	
Length-Width	± 2.0 mm	± 0.08 in

Uniboard Particleboard meets the requirements of ANSI A208.1-2009/Grade M-2 and is available as FSC® certified
Uniboard Particleboard meets CARB Phase 2 standards