

## M-3

### Technical Specifications

Properties	ANSI A208.1-2009 (Grade M-3)	
	Metric	Imperial
Moisture content	Max. 10%	
Density range	650-690 kg/m <sup>3</sup>	40.6–43.1 lb/ft <sup>3</sup>
	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 <sup>2</sup>	2,176 psi
Modulus of elasticity	2,500 N/mm <sup>2</sup>	362,600 psi
Internal bond	0.50 N/mm <sup>2</sup>	73 psi
Linear expansion	< 0.40%	
Screw holding:		
Face	1,000 N	225 lb
Core	900 N	202 lb
Formaldehyde emission	≤ 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-3 and is available as FSC® certified  
Uniboard Particleboard meets CARB Phase 2 standards