

## Excel (Grade 130)

### Technical Specifications

Properties	ANSI A208.2-2009 (Grade 130)	
	Metric	Imperial
Moisture content	Max. 9%	
Density range	700–745 kg/m <sup>3</sup>	43.7–46.5 lb/ft <sup>3</sup>
	Typical density value for Uniboard mills	
Thickness tolerance:		
Between panels	± 0.125 mm	± 0.005 in
Within panels	± 0.125 mm	± 0.005 in
Modulus of rupture	21.6 N/mm <sup>2</sup>	3,130 psi
Modulus of elasticity	2,160 N/mm <sup>2</sup>	313,000 psi
Internal bond	0.54 N/mm <sup>2</sup>	78 psi
Linear expansion	< 0.33%	
Screw holding:		
Face	988 N	222 lb
Core	787 N	177 lb
Formaldehyde emission	≤ 0.11 ppm (CARB 2) > 8 mm    ≤ 0.13 ppm (CARB 2) ≤ 8 mm	
Length-Width	± 2.0 mm	± 0.08 in

Uniboard MDF meets the requirements of ANSI A208.2-2009/Grade 130 and is available as FSC® certified  
Uniboard MDF meets CARB Phase 2 standards