

Technical Specifications

Sayabec Particleboard

Properties	Sayabec - Typical Values, MS Specifications	
	Metric	Imperial
Moisture content	5.5%	
Density	625 kg/m ³	39 lb/ft ³
Thickness tolerance :		
Between panels	± 0.250 mm	± 0.010 in
Within panels	± 0.125 mm	± 0.005 in
Modulus of rupture	13.0 N/mm ²	1 885 psi
Modulus of elasticity	2 700 N/mm ²	391 602 psi
Internal bond	0.435 N/mm ²	63.2 psi
Hardness	2 900 N	652 lb
Linear expansion	< 0.35%	
Screw holding :		
Face	1 000 N	225 lb
Core	800 N	180 lb

FORMALDEHYDE EMISSION:	
E1	< 0.10 ppm
EPP	< 0.18 ppm (CARB PHASE 1)

Standard production	< 0.18 ppm (CARB PHASE 1)
Length / Width	± 2.0 mm ± 0.08 in