

XLT FLOOR ALI FLOOR

SIZES & SPECS SHEET



Species	Radiata Pine			
Durability	Durability Class 4			
Sizes	600mm Width	60mm Thickness	2700 & 3000mm Lengths	
Panel Weight	47kg (2700mm length) 52kg (3000mm length)			
Insulation	Thermal Insulation R _w =34dB		Sound Insulation R=0.5m²K/W	
Structural Properties	Bending (F _b) 12MPa		Density 480kg/m³	Shear (F _s) 1.9MPa
	Compression (F _p) 6MPa		Modulus of Elasticity (E) 6,000MPa	Joint/Strength Group JD5
Load Capacity	XLT Floor Self-Weight	General Areas – Residential 0.3 kPa	General Areas Commercial 0.3 kPa	Stairs & Landing Areas – Residential 0.3 kPa
	SDL Finishes + Ceiling	General Areas – Residential 0.7 kPa	General Areas Commercial 1.0 kPa	Stairs & Landing Areas – Residential 0.7 kPa
	Live Load Distributed Load	General Areas – Residential 1.5 kPa	General Areas Commercial 3.0 kPa	Stairs & Landing Areas – Residential 2.0 kPa
	Live Load Point Load	General Areas – Residential 1.8 kN	General Areas Commercial 4.5 kN	Stairs & Landing Areas – Residential 2.7 kN
	Max. Joist Spacing 600mm (standard loading conditions). Increased joist spacing may be permitted where specified by a qualified structural engineer.			