



Technical Data Sheet (Performance Characteristic) Structural Plywood

Plywood Thickness :			12 mm		15 mm		
Species			Malaysian Medium Light Hardwood				
Panel Size			910mm x 1820mm				
No of Plies			7		7		
Bonding / Adhesive			Phenol Formaldehyde				
Property		Test Method	Value of Test				
Moisture Content		EN 322	≤14.0 %				
Density		EN 323	500-650 kg/m³				
Formaldehyde Emission		JAS 2018	≤ 0.4 mg/L (F4*)				
Modulus of Elasticity (MOE)	Parallel	Young's Modulus (GPa)	JAS 2018	4.9 – 6.4 N/mm²		4.9 – 5.4 N/mm²	
		Bending Strength (MPa)		21.0 – 27.0 N/mm²		21.0 – 23.0 N/mm²	
	Perpendicular	Young's Modulus (GPa)		2.4 – 3.9 N/mm²		3.9 – 3.4 N/mm²	
		Bending Strength (MPa)		17.0 – 20.0 N/mm²		17.0 – 20.0 N/mm²	
Bonding Quality (Shear Strength)		JAS 2018	≥ 0.7 N/mm²				

This performance characteristic is according to the standard BS13986:2004 + A1:2015 & JAS 2018
All figures shown in the report revealed the physical properties of sample plywood, not necessarily the actual plywood you received

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