



Technical Data Sheet
(Performance Characteristic)
Malaysian Tropical Medium Light Hardwood

Plywood Type : MR		9mm		12mm		15mm		18mm		
No of Plies		5		5		7		7		
Species		Medium Light Hardwood								
Panel Size		1220mm x 2440mm								
Bonding / Adhesive		Moisture Resistance (MR) Urea Formaldehdye								
Property	Test Method	Value of Test		Value of Test		Value of Test		Value of Test		
Moisture Content	EN 322	8.4 %		10.1 %		8.8 %		7.0 %		
Density	EN 323	465 kg/m ³		698 kg/m ³		819 kg/m ³		658 kg/m ³		
Modulus of Rupture (MOR)	Parallel	25.21 N/mm ²		33.85 N/mm ²		25.44 N/mm ²		31.74 N/mm ²		
	Perpendicular	55.98 N/mm ²		37.60 N/mm ²		67.45 N/mm ²		54.18 N/mm ²		
Modulus of Elasticity (MOE)	Parallel	2797 N/mm ²		4377 N/mm ²		3474 N/mm ²		3905 N/mm ²		
	Perpendicular	6210 N/mm ²		5515 N/mm ²		10381 N/mm ²		6950 N/mm ²		
Class Grade		F15/30 E25/60		F20/25 E40/50		F15/40 E30/100		F20/30 E30/60		
Bonding Quality (Shear Strength)		EN314-1	100%	Requirement ≥ 90%	90%	Requirement ≥ 90%	90%	Requirement ≥ 90%	92%	Requirement ≥ 90%
		EN314-2								

This performance characteristic is according to the standard BS13986:2004 + A1:2015