



FACES	Peeled Gurjan Veneer Faces
INNER LAYERS	20% Gurjan & 80% Red Eucalyptus
GLUE	Phenol Formaldehyde (PF)

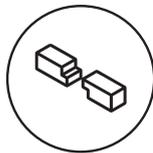
RECOMMENDED APPLICATIONS



Commercial Vehicles, Vans



Marine



Indoor Joinery



Indoor Furniture



DATA SHEET

Suntree Royale BWP Grade Marine Plywood is made from 20% Gurjan and 80% Eucalyptus wood and is bonded with undiluted Phenol Formaldehyde (PF) resin which are processed through high temperature and pressure to keep the bonding intact even after 72hours of boiling. All veneers are treated with preservatives and an additional treatment on glue line is performed with highly durable preservatives. The core veneers of this BWP quality plywood is given chemical treatment in a Vacuum Pressure Impregnation (VPT) process. The result is a Boiling Waterproof Plywood that is highly resistant to attacks from all types of micro organisms and extremely severe weather conditions. This Marine Plywood comes with IS:710- 2010 and is guaranteed for 30 years against borer attacks.

THICKNESS	6 MM	9 MM	12 MM	16 MM	19 MM	25 MM
NO. OF PLYS	5 PLY	7 PLY	9 PLY	11 PLY	13 PLY	17 PLY

SUNTREE ROYALE (IS:710)

TEST ANALYSIS REPORT (As Per IS:710-2010)

TYPES OF TESTS	REFERENCE VALUE	OBSERVED VALUE
Glue Shear Strength (after 72 hours boiling)	Min. Ind: 800 Avg: 1000 N	N1150N 1240N
Moisture Content Test	Not less than 5%	9%
Adhesive of Piles	Minimum Pass Standard	Excellent
Glue Shear Strength (Dry State)	Min. Ind. 1100 N Avg. 1350 N	1250 N 1450 N
Static Bending Strength (Dry) Modulus of Rupture -Along the grain -Across the grain Modulus of Elasticity -Along the grain _Across the grain	Avg. 50 N/Sq.mm Avg. 30 N/Sq.mm Avg. 7500 N/Sq.mm Avg. 4000 N/Sq.mm	63N/Sq.mm 38N/Sq.mm 9200N/Sq.mm 8295N/Sq.mm 4150N/Sq.mm

Static Bending Strength (Wet)		
Modulus of Rupture		
-Along the grain	Avg. 25 N/Sq.mm	34N/Sq.mm
-Across the grain	Avg. 15 N/Sq.mm	21N/Sq.mm
Modulus of Elasticity		
-Along the grain	Avg. 3750 N/Sq.mm	5440N/Sq.mm
_Across the grain	Avg. 2000 N/Sq.mm	2100N/Sq.mm
Tensile Strength		
-Along the grain	Avg. 42.00 N/Sq.mm	53.00 N/Sq.mm
-Across the garin	Avg. 25.00 N/Sq.mm	38N/Sq.mm
Sum of tensile strength	Avg. 84.50 N/Sq.mm	92.50N/Sq.mm
Retention of Preservative Chemicals Kg/Cbm (ACC Type)	Min 12kg/cbm	Min 12.9kg/cbm



SUNTREE[®]

Builds Confidence

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