TEST ANALYSIS REPORT

(As Per IS:710-2010)

SUNTREE®
Builds Confidence

FACES	Peeled Gurjan veneer Faces
INNER LAYERS	100% Gurjan Wood
GLUE	Phenol Formaldehyde (PF)

WARRANTY LIFE TIME

IS:710:2010 Certified

MADE WITH MAT PLY

BWP Boiling Water Proof

Fully Calibrated

100% Borer & Termite Proof

VPT TECHNOLOGY Vacuum Pressure Treatment

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

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TYPES OF TESTS	REFERENCE VALUE	OBSERVED VALUE
Dimensions,mm a)Length b)Width c)Thickness	 +6,-0mm +3,-0mm 5%	 +2 +1 2%
Squareness,%	Max.02%	0.04%
Edge Straightness	Max.02%	0.06%
Workmanship &Finish	As per clause 7	Conforms
Moisture content, %	Not less than 5%	9.7%

SUNTREE GURJANO (IS:710)

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Glue adhesion ,strength in dry state xi) Glue adhesion strength , N a) Average b) Min Individual xii) Adhesion of plies (Knife test)	 1350 N/sq.mm 1100 N/sq.mm Min.Pass standard	 1485 N/sq.mm 1395 N/sq.mm Exellent
Tensile strength , N/mm2 i) Parallel to face to face grain ii) Perpendicular to face to grain iii) Sum of the tensile strength	 Min 42.0 N/sq.mm Min 25.0 N/sq.mm Min 84.50 N/sq.mm	 56 N/sq.mm 49.50 N/sq.mm 103.80 N/sq.mm
Static bending strength Modules of Elasticity, N/mm2 i) Along the face grain , a)Average b) Min . Individual ii) Across the face grain a) Average b) Min . Individual	 7500 N/sq.mm 6700 N/sq.mm 4000 N/sq.mm 3600 N/sq.mm	 8150 N/sq.mm 7180 N/sq.mm 5350 N/sq.mm 4940 N/sq.mm
Modules of Rupture N/mm2 i) Along the face grain , a)Average b) Min . Individual ii) Across the face grain k) Average l) Min . Individual	 50 N/sq.mm 45 N/sq.mm 30 N/sq.mm 27 N/sq.mm	 64 N/sq.mm 52 N/sq.mm 48 N/sq.mm 40 N/sq.mm
Wet bending strength Modules of Elasticity, N/mm2 i) Along the face grain , a)Average b) Min . Individual ii) Across the face grain k) Average l) Min . Individual	 3750 N/sq.mm 3400 N/sq.mm 2000 N/sq.mm 1800 N/sq.mm	 5080 N/sq.mm 4450 N/sq.mm 4058 N/sq.mm 2150 N/sq.mm
Modules of Rupture, N/mm2 i) Along the face grain , a)Average b) Min . Individual ii) Across the face grain m)Average n) Min . Individual	 25 N/sq.mm 22 N/sq.mm 15 N/sq.mm 13 N/sq.mm	 45 N/sq.mm 34 N/sq.mm 36 N/sq.mm 27 N/sq.mm
Retention of Preservative Chemical KG/cbm (ACC Type)	Min 12Kg/cbm	13.2Kg/cbm