

SABURI ENGINEERED WOOD PANELS PVT. LTD.
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SABURI[®]
ABSOLUTE

FACTORY TEST REPORT AS PER IS : 303:2024 (Saburi Absolute BWP)

DETAILS OF SAMPLE :-

SAMPLE SIZE	-: 2440 X 1220 mm
THICKNESS	-: 19 mm (13 ply)
GRADE	-: Saburi Absolute BWP
C. U. NO.	-: 31025
MFG. MONTH	-: Oct '2025
TYPE OF PRESERVATIVE USED	-: A.C.C Fixed Type

DETAILS OF TEST :-

SL. NO.	TEST	PRESCRIBED VALUE	OBSERVED VALUE
1	Dimension (mm)		
	a) Length	+6MM, -0MM	(2442 - 2443)
	b) Width	+3MM, -0MM	(1221 - 1222)
	c) Thickness	±5%	18.87 to 19.29mm
2	Squareness (%)	0.20%	0.10%
3	Edge Straightness (%)	0.20%	0.13%
4	Moisture Content (%)	5 - 15%	(10 to 11 %)
5	Adhesion of Plies (Knife Test)	Min. Pass Stnd.	MPS
6	Tensile Strength (N/mm ²)		
	a) Parallel to the Face Grain	Min. 42.00	48.54
	b) Perpendicular to the Face Grain	Min. 25.00	39.70
	c) Sum of Both	Min. 67.00	88.24
7	STATIC BENDING STRENGTH TEST		
	Modulus of Elasticity (N/mm ²)		
	1) Parallel to the Face Grain		
	a) Average	Min. 7500	7765
	b) Min. Individual	Min. 6700	7244
	2) Perpendicular to the Face Grain		
8	Modulus of Rupture (N/mm ²)		
	1) Parallel to the Face Grain		
	a) Average	Min. 50	59.77
	b) Min. Individual	Min. 45	49.88
	2) Perpendicular to the Face Grain		
	a) Average	Min. 30	45.12
9	WET BENDING STRENGTH TEST		
	Modulus of Elasticity (N/mm ²)		
	1) Parallel to the Face Grain		
	a) Average	Min. 3750	4935
	b) Min. Individual	Min. 3400	4442
	2) Perpendicular to the Face Grain		
10	Modulus of Rupture (N/mm ²)		
	1) Parallel to the Face Grain		
	a) Average	Min. 25	38.72
	b) Min. Individual	Min. 22	33.68
	2) Perpendicular to the Face Grain		
	a) Average	Min. 15	27.9
11	Glue Shear Strength (N)		
	a) Average	Min. 1350	1689
	b) Min. Individual	Min. 1100	1440
12	Resistance to Water (After 72 Hrs. boiling)	Min. Pass Stnd.	MPS
13	Workmanship & Finish	Min. Pass Stnd.	SATISFACTORY

SAMPLE COMFIRMS TO IS : 303:2024

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