

FACTORY TEST REPORT AS PER IS : 710 -2024 (Saburi Absolute-Marine)

DETAILS OF SAMPLE :-			
SAMPLE SIZE		:- 2440 X 1220 mm	
THICKNESS		:- 16 mm (11 ply)	
GRADE		:- Saburi Absolute-Marine	
C. U. NO.		:- 180426	
MFG. MONTH		:- APR '2026	
TYPE OF PRESERVATIVE USED		:- A.C.C Fixed Type	
DETAILS OF TEST :-			
SL. NO.	TEST	PRESCRIBED VALUE	OBSERVED VALUE
1	Dimension (mm) a) Length b) Width c) Thickness	. +6MM, -0MM . +3MM, -0MM ±5%	(2442 - 2443) (1221 - 1222) 15.69 to 16.23mm
2	Squareness (%)	0.20%	0.10%
3	Edge Straightness (%)	0.20%	0.13%
4	Moisture Content (%)	5 - 15%	(7 to 9 %)
5	Adhesion of Plies (Knife Test)	Min. Pass Stnd.	MPS
6	Tensile Strength (N/mm ²) a) Parallel to the Face Grain b) Perpendicular to the Face Grain c) Sum of Both	Min. 42.00 Min. 25.00 Min. 84.50	54.84 43.70 98.54
7	STATIC BENDING STRENGTH TEST Modulus of Elasticity (N/mm ²) 1) Parallel to the Face Grain a) Average b) Min. Individual 2) Perpendicular to the Face Grain a) Average b) Min. Individual	Min. 7500 Min. 6700 Min. 4000 Min. 3600	7779 7298 6994 6018
8	Modulus of Rupture (N/mm ²) 1) Parallel to the Face Grain a) Average b) Min. Individual 2) Perpendicular to the Face Grain a) Average b) Min. Individual	Min. 50 Min. 45 Min. 30 Min. 27	52.97 50.18 62.96 59.32
9	WET BENDING STRENGTH TEST Modulus of Elasticity (N/mm ²) 1) Parallel to the Face Grain a) Average b) Min. Individual 2) Perpendicular to the Face Grain a) Average b) Min. Individual	Min. 3750 Min. 3400 Min. 2000 Min. 1800	4498 4192 3786 3245
10	Modulus of Rupture (N/mm ²) 1) Parallel to the Face Grain a) Average b) Min. Individual 2) Perpendicular to the Face Grain a) Average b) Min. Individual	Min. 25 Min. 22 Min. 15 Min. 13	49.72 47.08 37.9 34.62
11	Glue Shear Strength (N) a) Average b) Min. Individual	Min. 1350 Min. 1100	1425 1360
12	Resistance to Water (After 72 Hrs. boiling)	Min. Pass Stnd.	MPS
13	Workmanship & Finish	Min. Pass Stnd.	SATISFACTORY
SAMPLE COMFIRMS TO IS : 710 : 2024		(Saburi Absolute Marine)	
			
For, SABURI ENGINEERED WOOD PANELS PVT. LTD.			