

FACTORY TEST REPORT

BRAND :SHERO CLUB,2440*1220*16 MM (IS 710)

SI No	Tests	As per IS:710:2010	Results
1	Dimensions,mm a) Length b) Width c) Thickness, %	Tolerances +6mm -0mm +3mm -0mm ±5%	+2mm +2mm +3%
2	Squareness, %	Max. 0.2	0.01%
3	Edge straightness, %	Max. 0.2	0.01%
4	Workmanship and finish	As per clause 7	Conforms
5	Moisture content, %	5 -15	9.5%
6	Glue adhesion strength in dry state (i) Adhesion of plies (Knife test) (ii) Glue shear strength (N) (a) Average (b) Minimum individual	Min. pass standard 1350 1100	Pass standard 3120 2570
7	Water Resistance Test (i) Adhesion of plies (Knife test) (ii) Glue shear strength (N) (a) Average (b) Minimum individual	Min. pass standard 1000 800	Pass standard 2280 2010
8	Mycological Test (i) Adhesion of plies (Knife test) (ii) Glue shear strength (N) (a) Average (b) Minimum individual	a) No separation of edges b) Min. pass standard 1000 800	a) No separation of edges b) Pass standard 2490 2260
9	Static Bending Strength 1) Modulus of elasticity, N/mm² i) Parallel to the face grain a) Average b) Minimum individual ii) Perpendicular to the face grain a) Average b) Minimum individual 2) Modulus of Rupture, N/mm² i) Parallel to the face grain a) Average b) Minimum individual ii) Perpendicular to the face grain a) Average b) Minimum individual	 7500 6700 4000 3600 50 45 30 27	 8615 7865 7960 5980 64 58 54 48

10	<u>Wet Bending Strength</u> 1) Modulus of elasticity, N/mm² i) Parallel to the face grain a) Average 3750 6274 b) Minimum individual 3400 5920 ii) Perpendicular to the face grain a) Average 2000 4982 b) Minimum individual 1800 4568 2) Modulus of Rupture, N/mm² i) Parallel to the face grain a) Average 25 37 b) Minimum individual 22 33 ii) Perpendicular to the face grain a) Average 15 31 b) Minimum individual 13 29	
11	<u>Tensile Strength</u> (i) Parallel 42 57 (ii) Perpendicular 25 38 (iii) Sum 84.5 95	

(Quality Controller)