

SHERO PLYWOODS



FACTORY TEST REPORT

BRAND : SHERO CLUB PLUS ,2440*1220*16 MM(IS710)

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 +2%
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	9.0%
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 3230 2680
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 2410 2220
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 2620 2380
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	 8880 7980 7990 6320 66 60 56 50

10	<u>Wet Bending Strength</u>		
	1) Modulus of elasticity, N/mm²		
	i) Parallel to the face grain		
	a) Average	3750	6480
	b) Minimum individual	3400	6110
	ii) Perpendicular to the face grain		
	a) Average	2000	5110
	b) Minimum individual	1800	4760
	2) Modulus of Rupture, N/mm²		
11	i) Parallel to the face grain		
	a) Average	25	38
	b) Minimum individual	22	35
	ii) Perpendicular to the face grain		
	a) Average	15	33
	b) Minimum individual	13	30
11	<u>Tensile Strength</u>		
	(i) Parallel	42	59
	(ii) Perpendicular	25	39
	(iii) Sum	84.5	98

DATE: 27/12/2019



(Quality Controller)