

SHERO PLYWOODS



FACTORY TEST REPORT

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

SI No	Tests	As per IS:710	Results
1	Dimensions,mm a) Length b) Width c) Thickness, %	Tolerances +6mm -0mm +3mm -0mm ±5%	+2mm +1mm +2%
2	Squareness, %	Max. 0.2	0.02%
3	Edge straightness, %	Max. 0.2	0.01%
4	Workmanship and finish	As per clause 7	Conforms
5	Moisture content, %	5 -15	10%
6	<u>Glue adhesion strength in dry state</u> (i) Adhesion of plies (Knife test) (ii) Glue shear strength (N) (a) Average (b) Minimum individual	Min. pass standard 1350 1100	Pass standard 2870 2350
7	<u>Water Resistance Test</u> (i) Adhesion of plies (Knife test) (ii) Glue shear strength (N) (a) Average (b) Minimum individual	Min. pass standard 1000 800	Pass standard 2140 1970
8	<u>Mycological Test</u> (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 2250 2160
9	<u>Static Bending Strength</u> 1) Modulus of elasticity, N/mm ² 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/mm ² 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	 8475 7540 6450 5920 62 57 51 46

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10	Wet Bending Strength		
	1) Modulus of elasticity, N/mm ²		
	i) Parallel to the face grain		
	a) Average	3750	5875
	b) Minimum individual	3400	5100
	ii) Perpendicular to the face grain		
	a) Average	2000	4750
	b) Minimum individual	1800	4430
	2) Modulus of Rupture, N/mm ²		
	i) Parallel to the face grain		
11	a) Average	25	35
	b) Minimum individual	22	31
	ii) Perpendicular to the face grain		
	a) Average	15	30
	b) Minimum individual	13	28
	Tensile Strength		
	(i) Parallel	42	56
	(ii) Perpendicular	25	38
	(iii) Sum	84.5	94

Place: Kannur

Date: 27.12.2019



For Shero Plywoods,


(Quality Controller)