

SHERO PLYWOODS



FACTORY TEST REPORT

BRAND : SHERO REGAL 2440*1220*16MM, (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 +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	11.00%
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 2350 2150
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 1830 1270
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 1930 1450
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	 7870 7010 5230 4680 53 51 42 38

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10	Wet Bending Strength		
	1) Modulus of elasticity, N/mm²		
	i) Parellel to the face grain		
	a) Average	3750	5080
	b) Minimum individual	3400	4660
	ii) Perpendicular to the face grain		
	a) Average	2000	3150
	b) Minimum individual	1800	2620
	2) Modulus of Rupture, N/mm²		
	i) Parellel to the face grain		
	a) Average	25	31
	b) Minimum individual	22	27
	ii) Perpendicular to the face grain		
	a) Average	15	26
	b) Minimum individual	13	24
11	Tensil Strength		
	(i) Parallel	42	53
	(ii) Perpendicular	25	34
	(iii) Sum	84.5	87

Place: Kannur

Date : 27.12.2019



For Shero Plywoods,


(Quality Controller)