

SHERO PLYWOODS



FACTORY TEST REPORT

BRAND : SHERO ROYAL 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 +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	10.00%
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 2520 2250
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 1920 1390
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 2010 1560
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	 8250 7360 5900 5400 59 53 47 43

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10	Wet Bending Strength		
	1) Modulus of elasticity, N/mm ²		
	i) Parallel to the face grain		
	a) Average	3750	5368
	b) Minimum individual	3400	4900
	ii) Perpendicular to the face grain		
	a) Average	2000	3800
	b) Minimum individual	1800	3455
	2) Modulus of Rupture, N/mm ²		
	i) Parallel to the face grain		
11	a) Average	25	34
	b) Minimum individual	22	30
	ii) Perpendicular to the face grain		
	a) Average	15	30
	b) Minimum individual	13	27
	(i) Parallel	42	55
	(ii) Perpendicular	25	37
	(iii) Sum	84.5	92

Place: Kannur
Date: 27.12.2019



For Shero Plywoods,

(Quality Controller)