

TECHNICAL SPECIFICATION Of AUSTIN BLOCK BOARD

Sr No	Tests	Requirement as per IS 1659 : 2004	Test Results
1.	Dimension, a) Length,mm	Tolerance : +6 mm - 0 mm	+2
	b) Width, mm	Tolerance : +3 mm - 0 mm	+1
	c) Thickness, mm	±5%	+2.5%
	Variation in thickness,mm	Not more than 0.5 mm	0.3 mm
	d) Squareness, %	0.2%	0.08%
	e) Edge straightness,%	0.2%	0.09%
2.	Workmanship and Finish	Satisfactory	
3.	Dimensional changes caused by Humidity		
	a) Changes in Length,mm From 65 % RH to 90 % RH From 65 % RH to 40 % RH	±1 ±1	+0.2 -0.15
	b) Changes in Width,mm From 65 % RH to 90 % RH From 65 % RH to 40 % RH	±1 ±1	+0.8 -0.06
	c) Local Planeness d) At the extreme range of Humidity	<1/150 No Delamination	<1/200
4.	Adhesion of Plies (Knife Test)	Minimum Pass Standard	Excellent
5.	Resistance to water (60±2°C)	Minimum Pass Standard	Excellent
6.	Resistance to Micro organism	No sign of separation at the edges	No sign of separation
7.	Modulus of Elasticity (N/mm ²)		
	a) Average b) Minimum Individual	4000 3400	5530 4960
8.	Modulus of Rupture (N/mm ²)		
	a) Average b) Minimum Individual	40 34	55.5 49.3
9.	Spot Test	Treated	Treated



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