

TECHNICAL SPECIFICATION OF AUSTIN GOLD IS 710 :2010

Sl No	Tests	Requirement as per IS 710 : 2010	Test Results
1	Dimension and Tolerance a) Length, mm b) Width, mm c) Thickness,% i) Less than 6 mm ii) 6 mm and above d) Squareness, % e) Edge Straightness, %	+6mm, -0mm +3mm, -0mm ±10% ±5% Max 0.2% Max 0.2%	+2mm, -0mm +1mm, -0 mm +2.5% +2 % 0.08 0.06
2	Workmanship & Finish	Satisfactory	Satisfactory
3	Moisture Content, %	5-15%	8-10%
4	Static Bending Strength Modulus of Elasticity, N/mm ² i) Parallel to face grain a) Average b) Minimum individual iii) Perpendicular to face grain a) Average b) Minimum individual	 7500 6700 4000 3600	 8750 7560 5860 5370
5	Static Bending Strength Modulus of Rupture, N/mm ² i) Parallel to face grain a) Average b) Minimum individual i) Perpendicular to face grain a) Average b) Minimum individual	 50 45 30 27	 61 53 45 42
6	Glue Shear Strength Test : a) In Dry State, N i) Average Value ii) Minimum individual b) After Water Resistance Test, N i) Average Value ii) Minimum individual c) After Mycological Test, N i) Average Value ii) Minimum individual	 1350 1100 1000 800 1000 800	 1610 1470 1270 1150 1220 1110



B. S. PROGRESSIVE PVT. LTD.

Sl No	Tests	Requirement as per IS:710-2010	Test Results
7	Test for Adhesion of Plies a) In Dry State b) After Water Resistance Test c) After Mycological Test	Pass Standard Pass Standard Pass Standard	Excellent Excellent Pass Standard
9	Tensile Strength Test, N/mm ² a) Average Value parallel to the grain direction b) Average Value perpendicular to the grain direction c) Sum of Tensile Strength in both direction	Min. 42.0 Min. 25.0 Min. 84.5	59.25 42.0 101.25
10	Wet Bending Strength Modulus of Elasticity, N/mm ² i) Parallel to face grain a) Average b) Minimum individual i) Perpendicular to face grain a) Average b) Minimum individual	3750 3400 2000 1800	5250 4870 4150 3720
11	Wet Bending Strength Modulus of Rupture, N/mm ² i) Parallel to face grain a) Average b) Minimum individual i) Perpendicular to face grain a) Average b) Minimum individual	25 22 15 13	37 31 27 24
12	Preservative Treatment Test Preservative Chemicals, in Kg/m ³ a) Copper b) Chromium c) Retention of total preservative	-- -- Min 12.0 Kg/m ³	8.5 6.23 14.73



B. S. PROGRESSIVE PVT. LTD.

CORPORATE OFFICE : 3A, POLLOCK STREET, KOLKATA - 700 001 PHONE : 91-33-2235-7922, 2221-5863 FAX : 91-33-2235-2932
E-MAIL : INFO@AUSTINPLYWOOD.COM, WEBSITE : WWW.AUSTINPLYWOOD.COM

AN ISO 9001, 14001 & OHSAS 18001 CERTIFIED COMPANY