

Century Plyboards (I) Limited

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Ref. No. Century/QA 01/2024

Date:27/08/2024

**TO WHOM SO EVER IT MAY CONCERN
GENERAL TEST CERTIFICATE****Type of Board : Premium Plus Plain Board (Higher Density High Moisture Resistant Premium Boards)****Thickness : 18.00 mm****Size : 2440x1220 mm**

SL	PROPERTIES	SPECIFICATION AS PER IS 12406:2021	VALUE OBTAINED
01	Dimensions Thickness (mm) Length (mm) Width (mm) Edge Straghtness (max) Squarness (max)	± 0.3 mm ± 3 mm/mtr. ± 3 mm/mtr. 2 mm/mtr 2 mm/mtr	18.01 2441 1221 1.21 1.18
02	Density (Kg/m ³)	600-900	846
03	Variation from mean Density (%)	± 10	± 3.25
04	Moisture content (%)	5-10	6.42
05	Variation from mean moisture content (%) , absolute	± 3	± 1.19
06	Linear Expansion (Thickness Swelling in water), due to general absorption after 24 h Soaking, percent, Max.	8	4.25
07	Modulus of Rupture, N/mm ² , Min. Average Individual	24 21.5	37.89 34.91
08	Modulus of Elasticity, N/mm ² , Min. Average Individual	2400 2100	3328 3189
09	Internal Bond, N/mm ² , Min.	0.65	1.11
10	Internal Bond, N/mm ² , Min. (After Accelerated water resistance test)	0.12	0.29
11	Screw Withdrawal strength(min.),N (a) Face (b) Edge (For thickness >12mm)	1250 850	3581 2425
12	Formaldehyde Content, mg/100g for oven dry board	E ₁ : F _c $\leq$ 8 E ₂ : 8 < F _c $\leq$ 30	15.09

Q.C. Chemist