

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 : 16.75 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	16.78 2440 1222 1.22 1.34
02	Density (Kg/m ³)	600-900	851
03	Variation from mean Density (%)	± 10	± 3.22
04	Moisture content (%)	5-10	6.35
05	Variation from mean moisture content (%) , absolute	± 3	± 1.03
06	Linear Expansion (Thickness Swelling in water), due to general absorption after 24 h Soaking, percent, Max.	8	4.58
07	Modulus of Rupture, N/mm ² , Min. Average Individual	24 21.5	36.97 34.19
08	Modulus of Elasticity, N/mm ² , Min. Average Individual	2400 2100	3512 3387
09	Internal Bond, N/mm ² , Min.	0.65	1.05
10	Internal Bond, N/mm ² , Min. (After Accelerated water resistance test)	0.12	0.26
11	Screw Withdrawal strength(min.),N (a) Face (b) Edge (For thickness >12mm)	1250 850	3510 2713
12	Formaldehyde Content, mg/100g for oven dry board	E ₁ : F _c $\leq$ 8 E ₂ : 8 < F _c $\leq$ 30	15.76

Q.C. Chemist