

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 : Plain MDF Board (Grade-1), DWR
Thickness : 3.30 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	3.23 2441 1221 1.79 1.18
02	Density (Kg/m ³)	600-900	788
03	Variation from mean Density (%)	± 10	± 3.28
04	Moisture content (%)	5-10	6.54
05	Variation from mean moisture content (%) , absolute	± 3	± 1.72
06	Linear Expansion (Thickness Swelling in water), due to general absorption after 24 h Soaking, percent, Max.	30	14.58
07	Modulus of Rupture, N/mm ² , Min. Average Individual	27 24	29.55 28.77
08	Modulus of Elasticity, N/mm ² , Min. Average Individual	2800 2500	2880 2800
09	Internal Bond, N/mm ² , Min.	0.70	0.92
10	Internal Bond, N/mm ² , Min. (After Accelerated water resistance test)	0.20	0.22
11	Screw Withdrawal strength(min.),N (a) Face (b) Edge (For thickness >12mm)	1250 850	2589 N/A
12	Formaldehyde Content, mg/100g for oven dry board	$E_1: F_c \leq 8$ $E_2: 8 < F_c \leq 30$	23.25

Q.C. Chemist