

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 : 25.00 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	25.01 2441 1221 1.21 1.06
02	Density (Kg/m ³)	600-900	705
03	Variation from mean Density (%)	± 10	± 3.22
04	Moisture content (%)	5-10	5.91
05	Variation from mean moisture content (%) , absolute	± 3	± 1.22
06	Linear Expansion (Thickness Swelling in water), due to general absorption after 24 h Soaking, percent, Max.	7	6.01
07	Modulus of Rupture, N/mm ² , Min. Average Individual	22 19.5	28.91 27.31
08	Modulus of Elasticity, N/mm ² , Min. Average Individual	2300 2000	2889 2780
09	Internal Bond, N/mm ² , Min.	0.60	0.82
10	Internal Bond, N/mm ² , Min. (After Accelerated water resistance test)	0.12	0.18
11	Screw Withdrawal strength(min.),N (a) Face (b) Edge (For thickness >12mm)	1250 850	2491 1302
12	Formaldehyde Content, mg/100g for oven dry board	$E_1: F_c \leq 8$ $E_2: 8 < F_c \leq 30$	27.13

Q.C. Chemist