

Century Plyboards (I) Limited

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Ref. No. Century/MDF/QA 01/2024

Date: 27/08/2024

**TO WHOM SO EVER IT MAY CONCERN
GENERAL TEST CERTIFICATE**

Type of Board : Plain MDF Board (Grade -2), DIR
Thickness : 5.50 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	5.51 2441 1221 1.27 1.08
02	Density (Kg/m ³)	600-900	775
03	Variation from mean Density (%)	± 10	± 2.87
04	Moisture content (%)	5-10	5.69
05	Variation from mean moisture content (%), absolute	± 3	± 1.89
06	Linear Expansion (Thickness Swelling in water), due to general absorption after 24 h Soaking, percent, Max.	30	26.41
07	Modulus of Rupture, N/mm ² , Min. Average Individual	23 20.5	33.09 32.47
08	Modulus of Elasticity, N/mm ² , Min. Average Individual	2700 2400	2851 2790
09	Internal Bond, N/mm ² , Min.	0.65	0.97
10	Screw Withdrawal strength(min.), N (a) Face (b) Edge (For thickness >12mm)	1250 N/A	2785 N/A
11	Formaldehyde Content, mg/100g for oven dry board	$E_1: F_c \leq 8$ $E_2: 8 < F_c \leq 30$	23.19

Q.C. Chemist