

Century Plyboards (I) Limited

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

Date: 27/08/2024

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

Type of Board : FIRE SMART PANEL

Thickness : 18.00 mm

Size : 2440x1220 mm

SL	PROPERTIES	SPECIFICATION	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	18.07 2441 1220 0.80 0.70
02	Density (Kg/m ³)	850-870	853
03	Variation from mean Density (%)	± 10	± 3.03
04	Moisture content (%)	4-8	6.12
05	Variation from mean moisture content (%) , absolute	± 3	± 1.01
06	Linear Expansion (Thickness Swelling in water), due to general absorpion after 24 h Soaking, percent, Max.	5	4.01
07	Modulus of Rupture, N/mm ² , Min. Average Individual	35 32	36.12 35.06
08	Modulus of Elasticity, N/mm ² , Min. Average Individual	3200 3000	3342 312
09	Internal Bond, N/mm ² , Min.	1.00-1.20	1.12
10	Internal Bond, N/mm ² , Min. (After Accelerated water resistance test)	0.25-0.30	0.27
11	Screw Withdrawal strength(min.),N (a) Face (b) Edge (For thickness >12mm)	2000 1500	3011 2340
12	Formaldehyde Content, mg/100g for oven dry board	$E_1: F_c \leq 8$	6.22
13	F R Class	As per ASTM E 84	Class A

Q.C. Chemist