

Century Plyboards (I) Limited

Works: Village Daulowal, Hoshiarpur Dasuya Road,
P.O. Bhikhowal, District - Hoshiarpur, Pin - 144208
Phone No: 01882-277377, 276376
E-mail: hoshiarpur@centuryply.com
H.O.: 6, Lyons Range, Kolkata - 700 001
Phone : (033) 3940-3950 • Fax : (033) 2248 - 3539
kolkata@centuryply.com • www.centuryply.com
Cin No : L20101WB1982PLC034435



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Date: 27/08/2024

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

Type of Board : FIRE SMART PANEL

Thickness : 16.75 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	16.78 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 absorbtion 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