

The Ultimate Defender

Introducing Fire Smart Panel, the ultimate defender of your furniture and interiors. Our cutting-edge boards combine unrivalled strength with exceptional fire resistance, ensuring your safety and peace of mind. It not only protects from the entry of borers and termites like a true and fearless defender, it also combats moisture and fire to give exceptional durability and performance to your furniture and interiors in any environment.



FIRE
FUNGUS
TERMITE
BORER
MOISTURE
RESISTANT
HIGHER DENSITY
PREMIUM BOARD

SPECIFICATION - FIRE SMART PANEL PRODUCT

Sr. No.	Properties	UOM	FSP Standard
1.	Dimension tolerance		
	Length & width	mm/mtr	±3
	Thickness	mm	±0.30
	Edge straightness & squareness (max.)	mm/mtr	±2
2.	Density	Kg/m ²	850 - 870
3.	Variation from mean density	%	±10
4.	Moisture content	%	4 - 8
5.	Variation from mean moisture content	%	+3
6.	Linear expansion (Thickness swelling in water) Due to general absorption after 24 hours soaking (Max.)	%	5
7.	Internal bond strength (min.)	N/mm ²	1.0 - 1.20
8.	Internal bond strength (min.)		
	a) After cyclic test	N/mm ²	N/A
	b) After accelerated water resistant test	N/mm ²	0.25 - 0.30
9.	Modulus of rupture (min.)	N/mm ²	32 - 35
10.	Modulus of elasticity (min.)	N/mm ²	3000 - 3200
11.	Screw withdrawal strength (min.)		
	Face	N	2000
	Edge for 12 mm and above thickness	N	1500
12.	Formaldehyde content	mg/100 gm for oven dry board	E2: Fc ≤ 8
13.	FR class	As per ASTM E84	Class A



Made at the most advanced plant in India



Plant spread over 1,57,600 sq. m. in Hoshiarpur, Punjab



Annual production of 2.5 Lakh cbm



State-of-the-art machinery and research facility



World-class board with superior density



Available in a wide range of shades

- Conforms to **ASTM E84-2021 Class 1**
- Available in both Plain and Prelam Boards
- Available thickness (in mm): 5.50, 8.00, 12.00, 16.75, 18.00