

Technical Specification of Fiber Cement Board

Raw Materials: Paper Pulp, Portland cement, Quartz Sand and Inanimate matter

Thickness: 4,5 mm

Max. Width: 1, 200mm

Max. Length: 3,000mm

Standard Size: 1200x2500mm, 1200x3000mm

Density 1.25-1.35 kg/m³

Fire Resistance: In accordance with BS476 Part20&22:1987; GB8624 Class A (CNS6532)

Thermal conductivity: <0.20w/mk

Coefficient of Thermal Expansion: <5x10⁻⁶m/m.k

Coefficient of Moisture Expansion: <0.20%

Coefficient of Dry Shrinkage: <6x10⁻²

Bending Stress: Transverse: $\geq 13.0\text{N/mm}^2$ Vertical: $\geq 11.0\text{N/mm}^2$

Impact Strength: >3.00KJ/m²

Screw Pullout Force: $\geq 80\text{N/mm}$

Moisture Content: <10%

Water Absorption: <35%

Anti-freezing: No distortion after 25 repeated cycles of freezing and thawing

Radioactivity: conforming to GB6566-2001 Grade A Standard

Edges: Square

100% asbestos free

Color: Grey

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