smartfiber®
Fibercement Board

What is Fibercement Board?

It is a widely used composite building board made up of cement, cellulose and sand, particularly designed to be used for interior/exterior cladding, flooring, ventilated facades and through wall systems in regular, prefabricated and LGS buildings.

Benefits of Use

- Durable against extreme heat/cold, frost, rain, snow, storm, direct sunlight exposure and other external climatic conditions.

- Resistant to moisture, does not swell water in.

- Does not accommodate insects.

- Increases the lifespan of the insulation systems when used along.

- Repaintable. Can be painted to different colors upon preference. (Water-based acrylic paint should be used)

- Resistant against severe impact and natural disasters. Appropriate to be used in earthquake resistant structures with steel framework constructed underneath.

- Can be used as a backerboard in various areas. (Ex: under ceramic tiles)

- Easy to cut, mount and apply.

- Fire resistant, does not make hazardous smoke oscillation in the event of fire. (A1 non-combustible)

- Problems faced due to swelling of water and humidity is minimized by using ventilated facade systems established with fibercement boards.

- 100% environment friendly. Strictly does not contain any ingredient that are hazardous to humans' or any other living beings' health. Totally asbestos free.

FAQs

How to paint?

Water based acrylic paint should be used upon completion of the application.

How to cut?

Diamond headed spiral saw should be used for cutting.

How to apply?

Should be screwed on metal frameworks which are constructed underneath the boards.

How to fill joint gaps?

With a mastic or paste.

Technical Specifications

Density	1500 ± 50 kg/m³
Fire Resistance	Non-combustible (Fire rating is A1 as per EN 13501-1)
Bending Strength	≥ 7 N/mm2 (Wet/Humid Areas)
	≥ 12 N/mm2 (Laboratory)
Elastic Module in Bending	≥ 4000 N/mm²

Standard Dimensions

Thickness	6 to 22 mm
Widht	1200, 1250 mm
Lenght	2400, 2500, 2800, 3000 mm

FIRE RATING - A1

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