

Beam Fiber Cement Board



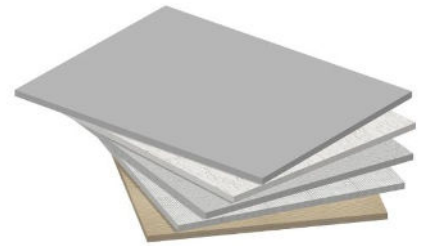
CERTIFIED M.S.
EN ISO 9001:2015
00.12.1118



CERTIFIED M.S.
EN ISO 14001:2015
00.02.1826



CERTIFIED M.S.
EN ISO 45001:2018
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Description

Beam Fiber Cement Board is a state-of-the-art asbestos free, highly durable and practical board used in many finishing applications; partition walls, dry linings, suspended ceilings, flooring. Beam Fiber Cement Board offers high impact resistance, exceptional durability, and minimal maintenance requirements.

Applications

- Wall Cladding
- Roof Underlay
- Soffit & Eaves Lining
- False Ceilings & Suspended Ceilings
- Partition Walls
- Drywall Systems
- Dry Lining

Features

- Non-Combustible
- Environmentally friendly
- Thermal Insulation
- Impact Resistant
- Termite Resistant
- Easy Installation
- Low Maintenance

Board Composition

Beam Fiber Cement Board is manufactured using high-quality, eco-friendly materials, ensuring superior performance and sustainability.

Termite resistance

Advanced impact resistance

Fire Resistance

Durable

Component Function

Portland Cement	Provides structural strength and durability
High-Purity Silica Sand	Improves flexural strength to the mix and fills small voids.
Reinforcing Pulp (Recycled)	Improves impact resistance and flexibility
Water	Aids in curing and hydration of cement
Additives	Increases resistance to fire and moisture

Product Specifications

Beam Fiber Cement Board is available in many sizes, thicknesses, and edge types.

Parameter	Specifications
Width	1200mm, 1220mm
Length	2400mm, 2440mm, 3050mm, 3200mm
Thickness Options	6mm, 9mm, 12mm, 15mm, 16mm, 18mm

Surface finishing

- Painted (water or oil base paint)
- Cladding (wallpaper, vinyl, wood...)
- Joint filling with Ccoat™ All Purpose Joint Compound

Edge types

- Squared edge
- Tapered edge
- Beveled edge

Physical Properties

Thickness	mm	12	EN 12467
Density	Kg/m ³	1300	EN 12467
Tolerance of length	mm	2399	EN 12467
Tolerance of width	mm	1200	EN 12467
Tolerance of thickness	mm	12.2	EN 12467
Squareness	mm/m	1.7	EN 12467
Bending strength longitudinal direction	MPa	5.15	EN 12467
Bending strength transversal direction	MPa	11.26	EN 12467
Reaction to fire	-	A1	EN 13501
Water tightness	No water drops seeping through the sheets.		EN 12467

Recommendation

- Cut the board using an electrical saw.
- Use zinc self-tapping screws with a metal frame of less than 0.7mm to fix the boards.
- Use zinc self-drilling for a metal frame greater than 0.7mm to fix the boards.
- Vertical screw spacing for the first layer of Beam Fiber Cement Board is 25cm, 50cm for the second, and 75cm for the third.

Storage and handling

- Avoid contact with moisture or high temperatures for prolonged periods of time.
- Store in a dry/ventilated area above ground level (not in direct contact with the ground).
- Cover the boards with plastic sheets.
- Avoid direct rain or sunlight.
- Avoid cracking or damaging the boards during installation.