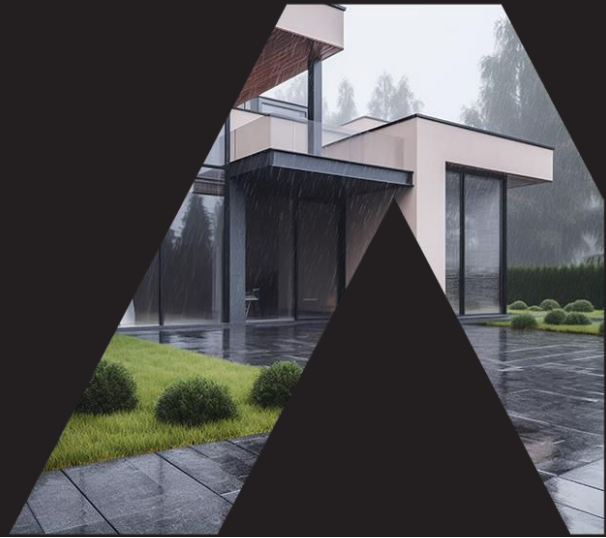


# Fiber Cement Board WP



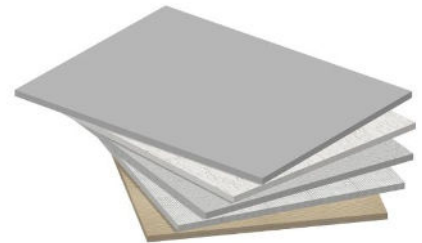
CERTIFIED M.S.  
EN ISO 9001:2015  
00.12.1118



CERTIFIED M.S.  
EN ISO 14001:2015  
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CERTIFIED M.S.  
EN ISO 45001:2018  
00.05.1176



## Description

FCB WP is a high-performance, waterproof fiber cement board designed for exceptional durability and easy installation. Engineered to protect wall cavities from water infiltration, it eliminates the need for additional waterproof coatings, making it a reliable solution for demanding construction projects.

Suitable for both interior and exterior applications, FCB WP excels in rain screen systems, façade cladding, and high-performance environments that require superior moisture resistance and structural integrity.

## Applications

- Dry lining systems
- Wall partitions for residential and commercial buildings
- Ventilated and non-ventilated façade systems
- Exterior envelopes and external ceilings
- Substrate for ceramic tiles, linings, and thermal insulation systems
- Cladding solutions for wallpaper, vinyl, or wood finishes

## Features

- Waterproof
- Fire Resistant
- Mold Resistant
- Termite Resistant
- Impact Resistant

## Board Composition

FCB WP is manufactured using high-quality, eco-friendly materials, ensuring superior performance and sustainability.

Termite resistance

Advanced impact resistance

Fire Resistance

Waterproof

# 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

FCB WP is available in many sizes, thicknesses, and edge types.

Parameter	Specifications
Width	1200mm, 1220mm
Length	2400mm, 2440mm, 3050mm, 3200mm
Thickness Options	9mm, 10mm, 12mm, 15mm, 16mm, 18mm, 20mm

## 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	ASTM C 1186
Density	Kg/m <sup>3</sup>	1600	ASTM C 1186
Flexural strength longitudinal direction	MPa	16.86	ASTM C 1186
Flexural strength transversal direction	MPa	11.05	ASTM C 1186
Moisture content	%	4.63	ASTM C 1186
Water absorption	%	1.8	ASTM C 1186
Linear change	%	0.03	ASTM C 1186
Direct screw withdrawal	N	677	ASTM D 1037
pH at 25oC	-	9.91	ASTM C 1185
Thermal conductivity	W/m.K	0.1546	ASTM C 518
Reaction to fire	-	Class A	ASTM E 84
Flame spread index (FSI)	-	0	ASTM E 84
Smoke development index (SDI)	-	5	ASTM E 84
Water tightness	No water drops seeping through the sheets.		ASTM C 1186

## 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 Cboard® 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.