

ISO 9001:2015  
No.: 92200062



ISO 14001:2015  
No.: 142200063



ISO 45001:2018  
No.: 452200064



## DESCRIPTION

Cboard<sup>®</sup> WP is a waterproof fiber cement board offering superior performance, easy installation, and unparalleled tile adhesion. Cboard<sup>®</sup> WP helps protect tile installations and wall cavities from water penetrations, eliminating the need to apply waterproof coating across the entire surface area of your application.

It is used for rain screens in external façade cladding and high technical areas.

External and internal applications in all Cboard<sup>®</sup> systems.

## APPLICATION

- Dry lining
- Wall partitions
- Residential building
- Ventilated or non-ventilated facades
- Exterior envelopes
- External ceilings
- Substrate for ceramic
- Substrate for linings
- Substrate for thermal insulation systems

## FEATURES

- Fire resistant
- Mold resistant
- Termite resistant
- Waterproof
- Sound insulation
- Impact resistant



Waterproof



Fire resistance





Sound insulation



Advanced impact resistance

## PROPERTIES

SURFACE FINISHING	EDGE TYPES	STANDARDS	DIMENSIONS
Painted (water or oil base paint)	Squared edge	ASTM C1186	Width 1200mm, 1220mm
Cladding (wallpaper, vinyl, wood...)		ASTM E84	Length 2400mm, 2440mm, 3000mm
Joint filling with Ccoat <sup>™</sup> All Purpose Joint Compound	Tapered edge	ASTM C518	Thickness 4.5mm, 6mm, 8mm, 9mm, 10mm, 12mm, 15mm, 16mm, 18mm 20mm
			

\*Varying dimensions are available upon request

## PHYSICAL SPECIFICATIONS

SPECIFICATIONS	UNIT	VALUE	STANDARDS
Thickness	mm	12	ASTM C 1186
Weight	Kg/m <sup>2</sup>	17.3	ASTM C 1186
Density	Kg/m <sup>3</sup>	1446	ASTM C 1186
Flexural strength longitudinal direction	MPa	16.86	ASTM C 1186
Flexural strength transversal direction	MPa	11.05	ASTM C 1186
Water absorption	%	< 5	ASTM C 1186
Moisture content	%	4.63	ASTM C 1186
Linear change	%	0.03	ASTM C 1186
Direct screw withdrawal	N	677	ASTM C 1186
pH	-	9.91	ASTM C 1186
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.

## RECOMMENDATIONS

- 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 temperatures higher than 50°C for prolonged periods of time.
- Store in a dry/ventilated area above ground level (not in direct contact with the ground).
- Cover boards with plastic sheets.
- Avoid cracking or damaging the boards during installation.

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