



AQUAPANEL®

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## AQUAPANEL® Cement Board Outdoor Climateshield

The ideal backing board under cladding and masonry.

**Be certain,  
choose AQUAPANEL®**

**AQUAPANEL®**

## Physical properties

Length (mm)	1200/1250/2400/2500	900/2400/2500
Width (mm)	900	1200
Thickness (mm)	8	8
Weight per unit area (kg/m <sup>2</sup> )	10,5	10,5
Dry density (kg/m <sup>3</sup> ) acc. to EN 12467	ca. 1200	ca. 1200
Building material class acc. to EN 13501	A1 non-combustible	A1 non-combustible

## Description

AQUAPANEL® Cement Board Outdoor Climateshield is a light, highly stable and highly hydrophobic, exterior wall board which offers long-term moisture and wind protection behind cladding and masonry systems. It is used to close a building during the construction phase providing a non-combustible building envelope (A1 building material class). The 8 mm board is non-combustible attached to the primary substructure made from metal or timber. The system is easy to install and ideal for fast completion of the building envelope. The boards are installed with AQUAPANEL® Climateshield Joint Filler - grey or with AQUAPANEL® Climateshield Tape for cold temperatures.

AQUAPANEL® Cement Board Outdoor Climateshield is designed with a core of Portland cement and lightweight aggregates reinforced with glass fibre mesh. The ends are cut square and both edges are reinforced for extra strength (the EasyEdge®). The panels are 100% water-resistant and mould and mildew resistant.

## Application

AQUAPANEL® Cement Board Outdoor Climateshield is designed to close the building and protect it against weathering. After mounting the envelope, the interior is protected against wind and rain, enabling construction to commence inside. This means that dry lining can be started without waiting until the outer wall structure is completely finished. The closed surface can be exposed to weathering up to 6 month with AQUAPANEL® Climateshield Tape and 12 month with AQUAPANEL® Climateshield Joint Filler - grey.

Cladding systems of wood, metal or stone materials can be installed as a final façade directly on the primary substructure or on a secondary substructure attached to the primary substructure (depending on cladding system). AQUAPANEL® Cement Board Outdoor Climateshield is a non load bearing covering board and is not designed to be covered with a render system.

## Characteristics

- Best solution for long-term moisture and wind protection of building structures under cladding with closed and open joints (max. 8 mm) and masonry systems
- Provides a non-combustible building envelope (A1 building material class) under cladding systems
- The board can be used behind glass cladding with ventilation
- Protects structure against direct weathering during construction period
- Ideal backing board for wood, aluminium, fibre composite, brick tiles, ceramic, vinyl, stone
- 100% water-resistant - inorganic substrate which is mould and mildew resistant
- Thin and light material, easy to handle and install (score & snap)
- Solid Portland cement substrate
- EasyEdge® – the particularly shock proof edge on both sides
- AQUAPANEL® Cement Board Outdoor Climateshield is driving rain tested for min. 300 Pa acc. to EN 12865

## System components

AQUAPANEL® Cement Board Outdoor Climateshield is used together with the following system accessories:

- AQUAPANEL® Maxi Screws SN 25 for metal substructure < 0.8 mm  
Consumption: approx. 15 screws/m<sup>2</sup>
- AQUAPANEL® Maxi Screws SB 25 for metal substructure profile thickness ≥ 0.8 - 2.0 mm  
Consumption: approx. 15 screws/m<sup>2</sup>
- AQUAPANEL® Maxi Screws SN 39 for timber substructure  
Consumption: approx. 15 screws / m<sup>2</sup>
- AQUAPANEL® Rustproofed Screw SN 40 for timber substructure  
Consumption: approx. 15 screws/m<sup>2</sup>
- AQUAPANEL® Climateshield Joint Filler – grey  
Consumption: approx. 0.7 kg/m<sup>2</sup>
- AQUAPANEL® Tape (10 cm)  
Consumption: approx. 2.1 m/m<sup>2</sup>
- AQUAPANEL® Climateshield Tape  
Consumption: approx. 2.9 m/m<sup>2</sup>

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AQUAPANEL® is a technologically advanced building system. Because it's a system, it involves clear step-by-step process from design idea to project completion. AQUAPANEL® cement board panels, accessories and services work in unison – you can be certain that your project will all come together as planned.

AQUAPANEL® is a registered trademark.

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