



AQUAPANEL® Cement Board Outdoor

AQUAPANEL® Cement Board Outdoor is a robust, non-combustible building panel made of aggregated Portland cement with a coated glass fibre mesh embedded in the back and front surfaces. It offers all the benefits of a dry panel system, used as part of an alternative system to traditional brick and block construction.

Product-Data-Sheet

Build on us.



Areas of Application

AQUAPANEL® Cement Board Outdoor is used in exterior applications for walls and ceilings as a directly-applied (water-managed) or ventilated system. Furthermore, AQUAPANEL® Cement Board Outdoor can also serve as a substrate for ceramic and other linings as well as thermal insulation composite systems (ETICS).

Compliance Standards

ETA-07/0173 + EN 13501

Key Benefits

- Jointly BBA certified with multiple finish partners. Contact Knauf for specific certification information
- Alternative to brick and block-work
- Utilising drywall techniques for external use for faster construction
- Unaffected by exposure to moisture
- Weather resistant when taped and jointed for up to 6 months, before application of thin coat render basecoat and mesh layer
- Strong, robust, impact-resistant and non-combustible
- Can be cut to shape using “score and snap” technique
- Simple and easy to install
- Can be easily curved down to a 1 metre radius

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Product Information

Performance Data

Reaction to Fire (R2F)	Thermal Conductivity	Water Permeability	Density (kg/m ³)	Water Absorption (%)	Freezethaw Resistance for category B	Heat-rain Resistance for category B	Warm water Resistance for category B	Soak-dry Resistance for category B	Impact Resistance (mm/m)	Bending Strength
A1	$\lambda_{10, tr}$ = No performance assessed	Passed	$P_{mean} = 1200 \pm 175$	21.2 by mass	RL, FTC = 0.91	Passed	RL, WW = 0.79	RL, SD = 1.0	IR _{mean} = 16.0	F _{m,0,k} = 5N/mm ² F _{m,90,k} = 8.1N/mm ²

Technical Information

Thickness (mm)	Width (mm)	Length (mm)	Edge Type	Colour	Weight (kg/m ²)	Material Number
12.5	900	1200	EasyEdge™	Grey	16	63117
		2400	EasyEdge™	Grey	16	457318

Additional Information

Sustainability

Total Recycled Content

3-10%

Substances of very high Concern (SVHC)

At the time of publication, under REACH UK and REACH EU regulations this product contains no SVHC. For more information please consult the Safety Data Sheet.

Volatile Organic Compound Content (VOC)

191 mg/kg, determined as per EN ISO 11890-2.

Storage and Handling

Always carry boards upright using a board trolley or on a pallet using a forklift truck. When setting the boards down, make sure that corners and edges are not damaged.

The supporting surface must be able to carry the weight of the boards. A pallet of AQUAPANEL® Cement Board Outdoor applies a floor loading from about 900 to 1750 kg (as delivered).

AQUAPANEL® Cement Board Outdoor must be protected from the effects of moisture and weather before installation. Boards that have become damp must be dried on both sides before use.

Allow time for the boards to acclimatise to the ambient temperature and moisture conditions before installation. The material, ambient air and background temperature must not be below +5°C.

Packaging

Packed on an IPCC pallet.

Disposal

Disposal should be in accordance with local authorities.

Health & Safety

Please refer to our Safety Data Sheet for guidance on Personal Protection Equipment required for the handling and installation of this product.

Application / Installation

AQUAPANEL® Cement Board Outdoor is attached to a vertical stud frame. The substructure should be selected according to the static requirements. Depending on these requirements, it is possible to use single, double or triple layer planking or a combination with other Knauf construction boards. All necessary accessories are available in the AQUAPANEL® accessory range.

Stud spacing

Wall: 600mm horizontal installation (according to the static requirements, smaller distances are necessary).

Ceiling: 300mm.

Check brochure for full installation guidance.

Additional Documentation

[Declaration of Performance CE](#)

[Safety Data Sheet](#)

Certification

[Environmental Product Declaration](#)

Product Accreditations:



Knauf UK GmbH Company Accreditations:



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