

## Drywall Systems

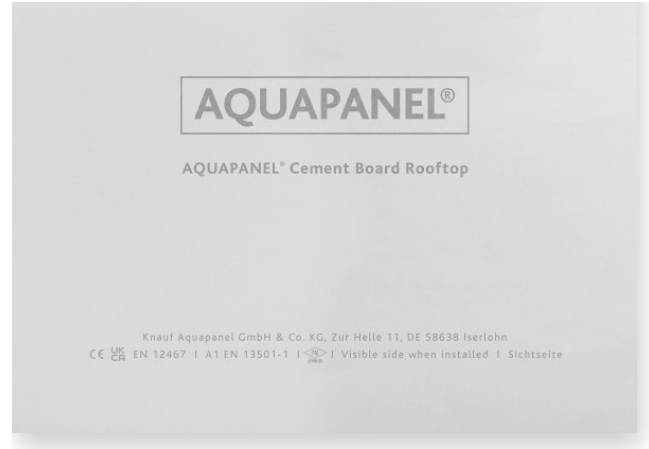
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# AQUAPANEL® Cement Board Rooftop

The high-performance cement cover board for flat roofs

Product Data Sheet

2026-02



## Product description

AQUAPANEL® Cement Board Rooftop is a cementitious board with an aggregated Portland cement core and is reinforced with glass fibre mesh on the front and rear faces. The ends are cut and the two edges are reinforced (EasyEdge™).

### Storage

Store on board pallets in a dry environment.

### Quality

In compliance with EN 12467, the product is subject to initial type testing and continuous factory production control and bears the CE marking.

## Properties and added value

- 100 % water resistant
- Load distribution properties for roof-mounted components
- Resistant to mould and mildew
- Stable, robust and impact-resistant
- Improves the sound insulation of the entire flat roof construction
- Non-combustible
- Recommended for commercial or industrial buildings
- Light cement board for flat roof applications

## Field of application

AQUAPANEL® Cement Board Rooftop improves the performance (sound insulation, load distribution, fire resistance) of the flat roof.

### AQUAPANEL® Cement Board Rooftop 6

The field of application includes use as a cover board in flat roof systems, particularly in commercial or industrial buildings, reducing the load on the roofing membrane and protecting the insulation by distributing point and area loads. This enables roof terraces to be constructed safely or roof components such as solar modules to be installed without compromising the waterproofing. The cover board is the first protective layer against fire loads outside the building and is 100% water-resistant.

### AQUAPANEL® Cement Board Rooftop 12.5

The field of application includes use as a substrate/carrier board in flat roof systems, especially in commercial or industrial buildings. As a substrate/carrier board on trapezoidal sheet metal, the insulation thickness and thus the installation height can be reduced by bridging the deep corrugations.

Laying the substrate/carrier board directly on the trapezoidal profiles in conjunction with a vapour barrier immediately achieves a temporary seal, which ensures progression of the construction phase. The mass of the substrate/carrier board contributes to improved sound insulation and reduces the fire load for the flat roof.



## Application

### Application

**Note**

All the necessary accessory products are available in the AQUAPANEL® accessories range.

AQUAPANEL® Cement Board Rooftop is connected to the surrounding layers of the roof. It can be fixed mechanically or glued on.

### Application temperature / climate

Before application, the boards must be conditioned to the ambient temperature and ambient moisture levels. Do not apply at room, material or substrate temperatures below +5 °C

## Technical data

Description	AQUAPANEL® Cement Board Rooftop 6	AQUAPANEL® Cement Board Rooftop 12.5	Unit	Standard
Board type European	Class 2	Class 2	Category D	EN 12467
Reaction to fire	A1, non-combustible	A1, non-combustible	Category	EN 13501
Thermal conductivity $\lambda_{dry}$	0.385	0.330	W/(m·K)	EN 12664
Thermal conductivity $\lambda_{23^{\circ}C/80\%}$	0.413	0.391	W/(m·K)	EN 12664
Thermal expansion	7	7	$10^{-6} K^{-1}$	–
Density (dry)	approx. 1250	approx. 1150	kg/m <sup>3</sup>	DIN 12467
pH value	12	12	–	–
Water vapour diffusion resistance $\mu$	48	66	–	DIN EN ISO 12572
Length variation from 65% to 85% humidity	0.38	0.2	mm/m	EN 318
Length variation from 65% to 30% humidity	-0.32	-0.4	mm/m	EN 318
Thickness variation from 65% to 85% humidity	0.3	0.02	%	EN 318
Thickness variation from 65% to 30% humidity	-0.3	-0.04	%	EN 318
Linear moisture movement 30% to 90% humidity ( $23 \pm 2^{\circ}C$ ) $L_m$	0.0606	0.0606	%	EN 12467
Field of application	Exterior	Exterior	–	–

## Product variants

Description	Width mm	Length mm	Thickness mm	Delivery weight approx. kg/m <sup>2</sup>	Packaging unit	Material number	EAN
AQUAPANEL® Cement Board Rooftop 6	900	1200	6	8.5	100 pieces / pallet 108 m <sup>2</sup> / pallet	00597109	4260021863930
AQUAPANEL® Cement Board Rooftop 12.5	900	1200	12.5	16.5	50 pieces / pallet 54 m <sup>2</sup> / pallet	00596563	4260021863909
	900	2250	12.5	16.5	30 pieces / pallet 60 m <sup>2</sup> / pallet	00609655	4260021864067
	900	2400	12.5	16.5	30 pieces / pallet 64.8 m <sup>2</sup> / pallet	00597052	4260021863916
	1200	2400	12.5	16.5	30 pieces / pallet 86.4 m <sup>2</sup> / pallet	00600848	4260021864012

## Sustainability and environment

Short description	Description	Unit	Value
AgBB scheme	Version 2021	fulfilled	–
EPD Environmental Product Declaration	Board thickness 6 mm	–	EPD-USG-20210121-IBA1-DE
DGNB New building Version 2018	ENV 1.2	–	Not relevant for evaluation
DGNB New building Version 2023	ENV 1.2	–	Not relevant for evaluation
QNG Version 2023	Annex 3.1.3	–	Not relevant for evaluation
SVHC	Substances of very high concern acc. to REACH ≤ 0.1 percent by mass.	–	fulfilled



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