

Note on English translation / Hinweise zur englischen Fassung

This is a translation of the product data sheet valid in Germany.

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Knauf Gips KG denies any liability for applications outside of Germany as this requires changes acc. to the respective national standards and building regulations.

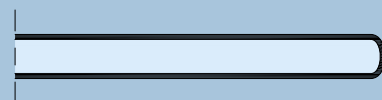


Drywall Systems

K914.de

Product Data Sheet

2020-11



AQUAPANEL® Cement Board SkyLite

Intelligent Ceiling Construction for Interior and Exterior Applications

Product description

AQUAPANEL® Cement Board SkyLite is a light and durable board and consists of a core of Portland cement and lightweight aggregates reinforced with glass fibre mesh on both sides. The ends are cut and both edges are reinforced (EasyEdge™).

Storage

Store boards on board pallets in a dry environment.

Quality

In compliance with ETA 13/0608, the product is subject to initial type testing and continuous factory production control and bears the CE marking.

Properties and added value

- Suitable for interior and exterior application
- Flexible surface design
- Light, stable and robust
- 100 % water-resistant
- Resistant to mould and mildew

- Can be cut by scoring and breaking
- Light and easy to install above your head
- Can be bent when dry
- Non-combustible

Field of application

AQUAPANEL® Cement Board SkyLite is a light cement board used for ceilings in interior and exterior applications.

Using suitable system accessories, surface qualities up to AQUAPANEL® quality level Q3 can be achieved in exteriors and in interiors AQUAPANEL® quality level Q4.

Application

Installation

AQUAPANEL® Cement Board SkyLite can be attached lengthwise or crosswise to the supporting profiles. Carefully align the first board with the profiles. Use AQUAPANEL® Maxi screws to attach the AQUAPANEL® Cement Board SkyLite to the grid/frame. The following boards are installed end to end with joints of approx. 3 to 4 mm.

Note	AQUAPANEL® Cement Board SkyLite must be protected against moisture and the effects of weather before installation. Boards that have become damp must be laid flat and dried on both sides before use.
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Note	All the necessary accessory products are available in the AQUAPANEL® accessories range.
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Application temperature / climate

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

Joints

Cross joints are not permissible. Treat joints with AQUAPANEL® SkyLite Joint Filler & Skim Coating and embed AQUAPANEL® Tape (10 cm) into the filling compound. The screw heads must also be filled. Once the coating is hard, prime the surface using AQUAPANEL® Board Primer. Skim coating can be applied when dry.

Technical data

Description	Standard	Unit	AQUAPANEL® Cement Board SkyLite
Board type European	EN 12467	Category C	Class 2
Reaction to fire	EN 13501	Class	A1, non-combustible
Board weight	–	kg/m ²	approx. 10.5
Density (dry)	EN 12467	kg/m ²	approx. 1230
Flexural strength	EN 310	MPa	≥ 10.9
pH value	–	–	12
Thermal conductivity	EN ISO 12664	W/m-K	0.36
Water vapour diffusion resistance μ	EN ISO 12572	–	40
Length variation 65% to 85% humidity (mm/m)	EN 318	mm/m	0.38
Length variation 65% to 30 % humidity (mm/m)	EN 318	mm/m	-0.32
Thickness variation 65% to 85% humidity (mm/m)	EN 318	%	0.3
Thickness variation 65% to 30 % humidity (mm/m)	EN 318	%	-0.3
Bending radius dry	–	m	≥ 1

Product range

Description	Width mm	Length mm	Thickness mm	Packaging unit	Material number	EAN
AQUAPANEL® Cement Board SkyLite 8	900	1250	8	80 pieces / pallet 90 m ² / pallet	00433855	4260021862803

Sustainability and environment

Short description	Unit	Value
Requirements of the German AgBB-scheme	–	fulfilled



Observe safety data sheet!

For safety data sheets and CE marking see
pd.knauf.de



Videos for Knauf systems and products can be found under the following link:

www.youtube.com/knauf



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