



AQUAPANEL® Cement Board SkyLite

Intelligent ceiling construction for interior and exterior applications

Bending radius

Min. bending radius (m)	1
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Physical properties (ETA-13/0608)

Length (mm)	900/1200/1250/2400
Width (mm)	900/1200/1250
Thickness (mm)	8.0
Weight (kg/m ²)	approx. 10.5
Dry bulk density (kg/m ³)	approx. 1,230
Bending strength (MPa)	approx. 10.9
pH-value	12
Thermal conductivity (W/mK)	0.36
Thermal expansion (10 ⁻⁶ K ⁻¹)	7
Water vapour diffusion coefficient μ (-)	40
Length variation 65% - 85% humidity (mm/m)	0.38
Thickness variation 65% - 85% humidity (%)	0.3
Reaction to fire tested according to EN 13501	A1 non-combustible
E-Modulus (N/mm ²)	approx. 1,750

Description

AQUAPANEL® Cement Board SkyLite is a light and durable board for installation in suspended ceilings in interior and exterior areas. The cement board consists of a core of Portland cement and lightweight aggregates with coated glass fibre mesh embedded in back and front surfaces. The ends are cut and the edges are reinforced (EasyEdge®).

AQUAPANEL® Cement Board SkyLite is 100% water- and moisture-resistant as well as resistant to mould and mildew.

Application

AQUAPANEL® Cement Board SkyLite is used for suspended ceilings in damp and wet rooms and for suspended ceilings and soffits in exterior applications.

Due to its low weight of approx. 10.5 kg/m² it is the ideal cement board when performing overhead work. And in combination with the available system accessories the following quality levels can be achieved: Q3 in exterior applications and even up to Q4 in interior applications.

European technical approval ETA-13/0608 has been issued for AQUAPANEL® Cement Board SkyLite.

Characteristics

- One cement board for interior and exterior applications
- Due to its low weight it is simple and easy to install overhead
- Bendable in the dry state – up to 1 metre bending radius
- 100% water-resistant
- Resistant to mould and mildew
- Ecological and environmentally friendly building material
- Light, impact-resistant, robust
- Can be cut to shape using "score and snap" techniques

Handling and installation

AQUAPANEL® Cement Board SkyLite can be attached lengthwise* or crosswise to the supporting profiles. Carefully align the first board with the profiles. Attach AQUAPANEL® Cement Board SkyLite to the framework using AQUAPANEL® Maxi Screws. Install the next boards end to end with joints of approx. 3 – 4 mm, cross joints are not permissible. Fill screw heads and treat joints with AQUAPANEL® SkyLite Joint Filler & Skim Coating and embed the AQUAPANEL® Tape (10 cm). Once AQUAPANEL® SkyLite Joint Filler & Skim Coating is hard, prime the surface using AQUAPANEL® Board Primer. When AQUAPANEL® Board Primer has dried the AQUAPANEL® SkyLite Joint Filler & Skim Coating can be applied.

Substructures of suspended ceilings in exterior applications require a stability proof. All components of the substructures in interior and exterior applications require sufficient corrosion protection. For more information, please refer to our system documentation.

**only in interior applications*



Installation time

Installation time of AQUAPANEL® Cement Board SkyLite including screws, joint filler and tape: 18 min/m²

Transport and storage

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. One pallet of AQUAPANEL® Cement Board SkyLite applies a floor loading of 1008–1049 kg (as delivered).

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

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

Method of delivery

		W x L (mm)	Item code
Boards/pallet	80 pieces	900 x 1200	433850
		900 x 1250	433855
		1200 x 900	467521
		1250 x 900	539287
	45 pieces	1200 x 2400	515191
Surface/pallet	86.4 m ²	900 x 1200	433850
	90 m ²	900 x 1250	433855
	86.4 m ²	1200 x 900	467521
	90 m ²	1250 x 900	539287
	129.6 m ²	1200 x 2400	515191

AQUAPANEL®

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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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