



AQUAPANEL® Universal

Technical Data Sheet 10/2024

AQUAPANEL® Universal

Cement-based light-weight board interior and exterior applications

Product Description

AQUAPANEL® Universal is a durable and 100% water-resistant made of aggregated Portland cement with coated glass fibre mesh embedded in back and front surfaces.

Storage

Always store boards vertically in line and in a dry environment and keep away from water. In exterior and interior environments, at most 5 and 6 boards can be stacked on top of each other. There should be two boards to protect the pallet on front and back sides. If boards are going to be stored outside, some form of cover (nylon etc.) should be used.

Standards referred to

EN 12467

Fields of Application

In interior and exterior applications**:

- Coating of components such as columns, beams and parapets
- Applied as cladding on a steel or timber substructure
- Partition walls and suspended ceilings in wet areas
- Directly applied in steel frame constructions with an OSB as substrate.

*Stud spacing should not be more than 300mm.

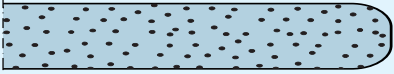

**Maximum wind load should not exceed 0.70 kN/m².

***Screw spacing must not exceed 170 mm.

Properties

- Light-weight (8 kg/m²)
- 100% water-resistant
- High durability
- Chip and cellulose free
- A1 class non-combustible material
- Mold and fungus resistant
- Can be cut to shape using “score and snap” technique
- Suitable for bending applications
- Clean, fast and easy installation

Technical Data

Description	Unit	8 mm	Standard
Board type	-	Category B, Class 2	EN 12467
Reaction to fire	class	A1	EN 13501
Weight	kg/m ²	yakl. 8	-
Long edges	-	Rounded edge (EasyEdge™) 	-
Front edges	-	Cut edge 	-
Width dimensional tolerance	mm	+0,2 / -0,2	EN 12467
Length dimensional tolerance	mm	+0,2 / -0,2	EN 12467
Thickness dimensional tolerance	mm	+0,5 / -0,5	EN 12467
pH value	pH	12	-
Bending radius	mm	r ≥ 1000	-
Bending tensile strength	MPa	≥ 7	EN 12467

Product Range

Description	Width (mm)	Length (mm)	Weight (kg/m ²)	Packaging (pcs./pallet)	Material Number
AQUAPANEL® Universal 8 mm	1200	2400	approx. 8	60	511836

System Performance Values

Performance values as sound insulation, fire resistance etc. may differ acc. to the drywall system to be applied. Please check the performance values of the drywall systems;

[Knauf Technical Website](#)

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Application

Application should be done acc. to the applicable standards and acc. to the Knauf Technical Brochures of the respective drywall system.

Exterior applications:

For exterior wall applications, maximum wind load should not exceed 0.70 kN/m² and profile axis spacing should be maximum 300 mm. Screw spacing must not exceed 170 mm. Statical calculation of the substructure should be done according to the wind load by an engineer.

Interior applications:

For interior wall applications, profile axis spacing should be maximum 400 mm. Screw spacing must not exceed 170 mm. The maximum allowed wall height is 2.75 m. Allowed ceramic weight is maximum 30 kg/m².

For interior ceiling applications, profile axis spacing should be maximum 300 mm.

Please contact [Knauf Teknik](#) for details.