

AQUAPANEL® Cement Board Indoor

Technical Data Sheet 01/2021



AQUAPANEL® Cement Board Indoor

Cement based board with 100% water resistance

Description

AQUAPANEL® Cement Board Indoor is a panel coated with glass fibre mesh in the back and front surfaces.

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. AQUAPANEL® Cement Board Indoor 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.

Standards referred to

EN 12467

Fields of Application

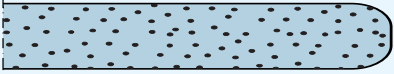

Interiors with high humidity,

- Partition walls
- Suspended ceilings
- Wall claddings

Properties

- 100% water resistant
- Strong, robust, impact-resistant
- Chip and cellulose free
- A1 class non-combustible material
- Mould and fungus resistant
- Can be cut to shape using "score and snap" technique
- Can be bent when dry - up to 1 metre bending radius
- Simple and easy to install

Technical Data

Definition	Unit	12,5 mm	Standard
Board Type	-	Category C, class 2	EN 12467
Reaction to fire	class	A1	EN 13501
Weight	kg/m ²	approx. 11	-
Long edges	-	Round edges (EasyEdge™) 	-
Front edges	-	Cut edges 	-
pH value	pH	12	-
Bending radius	mm	$r \geq 1000$	-
Thermal conductivity λ (dry)	W/(m·K)	0,1509	DIN EN 12664
Thermal conductivity λ (wet)	W/(m·K)	0,188	DIN EN 12664
Water vapor permeability	μ	25	DIN EN ISO 7783
Linear moisture movement 30% to 90% humidity (23±2 °C)	Lm	0,0606%	EN 12467
Tensile strength in bending	MPa	≥ 7	EN 12467

Product Range

Tanım	Width (mm)	Length (mm)	Weight (kg/m ²)	Packaging (pcs./pallet)	Material Number
AQUAPANEL® Cement Board Indoor 12,5 mm	1200	2400	approx. 11	55	508267
	1200	2500	approx. 11	55	508268
	1200	2800	approx. 11	45	519767

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](#)
[Document Center](#)

Application

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

For further information;

[Humidity Catalogue](#)
[AQUAPANEL® Interior System Catalogue](#)
[AQUAPANEL® Interior Application Catalogue](#)