

AQUAPANEL® Cement Board Indoor

Technical Data Sheet 12/2023



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

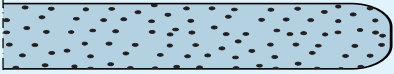

Interiors with high humidity,

- 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](#)