

AQUAPANEL® | Cement Board Indoor

The ideal tile backing board for wet and humid areas



AQUAPANEL® Cement Board Indoor is a solid, durable tile backing board for interior use. It is made of aggregated Portland cement with coated glass fibre mesh embedded in back and front surfaces.

The ends are cut square and edges are reinforced for extra strength (the EasyEdge™). The panel is 100% water-resistant and resistant to mould and mildew. It is non-combustible and has low installation costs.

Physical properties

Width (mm)	900
Length (mm)	1200/1250/2400/2500
Thickness (mm)	12.5
Min. bending radius (m) for 900 mm wide board	3
Min. bending radius (m) for 300 mm wide strip	1
Weight (kg/m ²) approx.	approx. 15
Dry density (kg/m ³) approx.	approx. 1050
Flexural strength (N/mm ²)	≥ 6.2
pH value	12
Modulus of elasticity (N/mm ²) approx.	approx. 5000
Thermal conductivity λ_r (W/(m·K))	0.36
Thermal expansion (10 ⁻⁶ /K)	7
Water vapour diffusion resistance μ (-)	30
Change in dimensions from dry to water-saturated (%)	0.11
Building Material Class	Non-combustible; A1 according to EN 13501

Characteristics

- Tile backing board for wet and humid areas
- Alternative to brick and block-work
- 100% water-resistant
- Resistant to mould and mildew
- Single layer required for ceramic coverings
- Can support up to 50 kg of tiles per square metre of wall
- No sealant required
- Strong, robust, impact-resistant
- Can be cut to shape using "score and snap" techniques
- Simple and easy to install
- Ecological and environmentally friendly
- Non-combustible

Application

AQUAPANEL® Cement Board Indoor can be used for walls and ceilings. It provides a solid and durable substrate for wet and indoor areas.

Handling and installation

Installation time - wall: approx. 12 min/m² including application of tape and installation of screws

Installation time - ceiling: approx. 18 min/m² including joint strip and filler and installation of screws

Stud spacing

Wall: 600 (625) mm horizontal installation
 Ceiling: 300 (312.5) mm

Transportation 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. A pallet of AQUAPANEL® Cement Board Indoor applies a floor loading of about 870 kg (as delivered).

AQUAPANEL® Cement Board Indoor must be protected from the effects of moisture and weather before 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 material, ambient air and background temperature must not be below +5°C.

Method of delivery

- Number of boards:
 50 pieces per pallet (900 x 1200); (900 x 1250)
 25 pieces per pallet (900 x 2400); (900 x 2500)
- m² per pallet
 900 x 1200, 900 x 2400: 54 m² per pallet
 900 x 1250, 900 x 2500: 56,25 m² per pallet

Item codes:

50107 (900 x 1200 mm) 65139 (900 x 1250 mm)
 87251 (900 x 2400 mm) 60396 (900 x 2500 mm)