



AQUAPANEL® Cement Board Floor

Cementitious dry floor panel:
a superior, faster alternative to both wet and dry screeds

Physical properties

	AQUAPANEL® Cement Board Floor	AQUAPANEL® Cement Board Floor MF
Length (mm)	900	900
Width (mm)	600	600
Thickness (mm)	22	33
Weight per unit area (kg/m ²)	approx. 37	approx. 39
Dry density (kg/m ³)	approx. 1600	approx. 1600
Flexural strength (N/mm ²)	3.0	3.0
Modulus of elasticity (N/mm ²)	4000 – 7000	4000 – 7000
Water vapour permeability (DIN 4108)	70 / 150	70 / 150
Thermal conductivity λ (W/mK)	0.79	0.79 (0.04)
Alkalinity (pH)	12	12
Building Material Class	A2	A2

Application

AQUAPANEL® Cement Board Floor is a 100% water-resistant, mould-resistant and totally stable dry floor panel made from Portland cement. It is suitable for all types of interior floor constructions. Combined with AQUAPANEL® Levelling Fill, it provides an ideal solution for a perfect, solid floor structure. No screws are required.

The AQUAPANEL® Cement Board Floor System is suitable for all dry and wet areas. It can be applied in public and private areas such as offices, schools and hospitals, in large or small areas, and in new builds and renovations.

Characteristics

- Durable and stable with high load capacity
- Easy to lay
- No drying times
- No screws required
- Optimal sound- and thermal insulation
- Ideal for all kinds of floor constructions, including parquet and tiles. Coverings can be placed 12 hours after laying.
- Can be used with underfloor heating
- Non-combustible
- Meets stringent regulations for wet areas

Background

Where surfaces are level, lay AQUAPANEL® Cement Board Floor MF (laminated with impact sound insulation board) or lay AQUAPANEL® Cement Board Floor on insulation board with high compressive strength (check suitability for dry floors).

For uneven surfaces, prepare a level, load-bearing surface using AQUAPANEL® Levelling Fill. Then lay covering board, finishing with a top layer of AQUAPANEL® Cement Board Floor.

Handling and installation

Place edge insulation strips along the walls to avoid sound bridges.

Align floor panels against the wall and install them with joints offset.

Where necessary, cut to size using a handheld circular saw with diamond-tipped saw blade.

Before applying the adhesive, remove dust from the edges of the panels using a damp brush. To lay the panels, apply a thin bead of AQUAPANEL® Slot Adhesive (PU). Put the AQUAPANEL® Biscuit into the slot and push the panels together until the adhesive squeezes out.

As soon as the AQUAPANEL® Slot Adhesive (PU) has hardened (approx. 12 hours), scrape off excess adhesive using a putty knife or scraper and prime the entire surface with AQUAPANEL® Board Primer.

Before gluing down the floor covering, check that the adhesive is compatible with a cement sub-surface. For ceramic tiles, use a flexible waterproof adhesive with a suitable grout. For gluing down parquet, follow the manufacturer's instructions.

Method of delivery

- Number of boards: 50 pieces per pallet
- m²/pallet: 27 m² (900 x 600 mm)

Item codes:

AQUAPANEL® Cement Board Floor: 105235

AQUAPANEL® Cement Board Floor MF: 110555

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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