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Drywall Systems

K9105\_DSP.de

## AQUAPANEL® Cement Board Indoor L.E.F.

The ideal tile backing board for wet and humid areas

Product Data Sheet

2026-02



### Product description

AQUAPANEL® Cement Board Indoor L.E.F. (Lighter, Easier, Faster) is the ideal solution for interior fitting as a resilient and extremely robust tile backing. Thanks to its exceptional performance characteristics the cementitious board is optimally suited for application in wet and humid areas.

The cementitious board consists of aggregated Portland cement and is reinforced with glass fibre mesh on the front and rear faces, where the ends are cut square and edges are reinforced for extra strength (EasyEdge™).

### Storage

Store on board pallets in a dry environment.

### Quality

In compliance with EN 12467, the product is subject to initial type testing and continuous factory production control and bears the CE marking.



### Properties and added value

- Flexible surface design
- Lower installation costs
- 100 % water resistant
- Resistant to mould and mildew
- Easy installation
- Can be bent when dry
- Stable, robust and impact-resistant
- Apply with scoring and breaking

### Field of application

The field of application covers wall and ceiling systems in interior fittings. The cementitious board is used in wet and humid areas where there are requirements for sound insulation and fire resistance. AQUAPANEL® Cement Board Indoor L.E.F. serves as a substrate for tiles or other diverse finishing options.



## Application

### Application

**Note**

All the necessary accessory products are available in the AQUAPANEL® accessories range.

AQUAPANEL® Cement Board Indoor L.E.F. can be installed horizontally or vertically on a stud construction. Single-layer or multi-layer cladding can be applied depending on the requirement. A combination with Knauf gypsum boards is possible provided that the cladding on each wall side is only applied with cement boards or gypsum boards.

### Joints

There are two types of joint treatment.

#### Standard wall: Glued joint

The AQUAPANEL® Fugenkleber (PU) joint adhesive is applied to the cleaned board edge and the AQUAPANEL® Cement Board Indoor L.E.F. are butt jointed. After the adhesive has set, the excess AQUAPANEL® Fugenkleber (PU) adhesive can be removed (generally on the following day).

#### Standard ceiling: Filled joint

AQUAPANEL® Cement Board Indoor L.E.F. is installed with a joint spacing of 3 to 4 mm. The joint should be filled with AQUAPANEL® Fugen- und Flächenspachtel – weiß Joint Filler & Skim Coating – white. Embed AQUAPANEL® Fugenband joint tape (10 cm) and then apply a thin skim coat of AQUAPANEL® Fugenband joint tape with AQUAPANEL® Fugen- und Flächenspachtel – weiß Filler & Skim Coating – white.

#### Application temperature / climate

Before application, the boards must be conditioned to the ambient temperature and ambient moisture levels. Do not apply at room, material or substrate temperatures below +5 °C.

## Technical data

Description	AQUAPANEL® Cement Board Indoor L.E.F. 12.5	Unit	Standard
Board type European	Class 2	Category C	DIN 12467
Reaction to fire	A1	Category	EN 13501
Thermal conductivity $\lambda_{10, dry}$ (dry)	0.1509	W/(m·K)	EN 12664
Thermal conductivity $\lambda$	0.188	W/(m·K)	EN 12664
Density (dry)	approx. 750	kg/m <sup>3</sup>	EN 12467
Flexural strength	≥ 7	MPa	EN 12467
pH value	12	–	–
Water vapour permeability $\mu$	25	–	EN ISO 12572
Linear moisture movement 30% to 90% humidity (23 ± 2 °C) $L_m$	0.0606	%	EN 12467
Bending radius dry	$r \geq 1000$	mm	–
Field of application	Interior	–	–

## Product variants

Description	Width mm	Length mm	Thickness mm	Delivery weight approx. kg/m <sup>2</sup>	Packaging unit	Material number	EAN
AQUAPANEL® Cement Board Indoor 12.5 L.E.F.	900	1250	12.5	11.0	55 pieces / pallet 61.8 m <sup>2</sup> / pallet	00508256	4260021863114
	900	1250	12.5	11.0	40 pieces / pallet 45 m <sup>2</sup> / pallet	00699806	4260021865040
	900	2500	12.5	11.0	55 pieces / pallet 123.75 m <sup>2</sup> / pallet	00508259	4260021863145
	1250	2000	12.5	11.0	55 pieces / pallet 137.5 m <sup>2</sup> / pallet	00508263	4260021863169
	1250	2000	12.5	11.0	25 pieces / pallet 62.5 m <sup>2</sup> / pallet	00842784	4260021866603



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