

## EM-FXX Thin-bed Tile Adhesive

### Product description

High polymer modified hydraulically setting thin-bed mortar for bonding all ceramic coverings such as earthenware, Stoneware, porcelain stoneware, mosaic and Natural stone slabs.

Tested according to DIN EN 12004 - C2 TE S1.

### Application

Produces a highly flexible, adhesive bed with superior workability for the adhesion of floor and wall tiles.

Is frost-resistant, for indoor and outdoor use, suitable for partially wet - and continuously wet areas.

FXK is suitable for applying and laying ceramic, porcelain, mosaic and Natural stone tiles.

Bonds particularly well to Calcium sulfate - and heated screeds, Mastic asphalt (interior), terraces, balconies, etc.

Also suitable for Tile to tile and to the transfer in Swimming pools.

### Material Properties

- Suitable for interior and exterior
- Wall and floor
- Very high design security
- Strong adhesion to the substrate, for example, for ceramic and natural stone such as slate
- High level of stability
- Very long open time
- Excellent workability
- Highly flexible
- Tile to Tile
- continuously wet areas, such as swimming pools

### Technical Information

Water Demand	1 kg = 0.3 litre
	25kg = 7.5 litres
Maximum thickness	10mm
Soaking period	3 minutes
Open working time	Up to 30 minutes
Pot life	Up to 3-4 hours
Working temperature	+ 5 ° C to 25 ° C
Foot Traffic	After 24 hours
Grouting	
Wall	After 12 hours
Floor	After 24 hours
Fully loaded	After 7 days
Material Consumption	
6mm toothed trowel	Approx. 2.3 kg / m <sup>2</sup>
8mm toothed trowel	Approx. 2.7 kg / m <sup>2</sup>
10mm toothed trowel	Approx. 3.4 kg / m <sup>2</sup>

### Substrates

The flexible properties of FXK also enables adhesive bonds on critical Substrates.

For dry and matt damp substrate, such as Concrete, Aerated concrete, cement - and lime cement, Gypsum plasters, gypsum – and Gypsum fiber boards, cement – and Calcium sulfate flow screeds cement, Compensation - and putties, Mastic asphalt (only indoors), age Tiling, alternative sealing, Insulation boards.

## Substrate Preparation

The substrate must be dry, sufficiently firm, sound, clean, dimensionally stable and free of cracks.

Ensure all grease, oil, laitance, paint etc is removed from the substrate prior to application.

Absorbent substrates and Anhydrite substrates must be first sealed before application.

Before laying check the substrates residual moisture is acceptable to begin application:

The flexible properties of FXK Plus allows bonds to most Substrates.

Will bond to concrete floors, cement and anhydrate floor screeds, fireproofing and soundproofing panels, Mastic asphalt (internally only), most dry flooring and primed Particleboard.

## Processing

Mix FXK – tile adhesive in a clean container with potable water using a mechanical drill and stirrer attachment until a lump-free and pasty mixture is achieved.

Allow to sit for a period of 3 minutes then vigorously mix the product again before using. This will ensure a 'lively' workable product.

Processing is to be carried out according to the guidelines of DIN 18157

Only apply as much tile adhesive as can be adequately worked within the open time period of up to 30 minutes.

Do not apply large areas of tile adhesive as laying the tiles onto the adhesive bed after the open time of 30 minutes may lead to inadequate bonding of the tile.

Scrape any excess tile adhesive from the joints of the tiles before the product hardens. Any dried residue may be difficult to remove later.

Damp sponge the surface of the tiles to ensure no residue is left.

Ensure all tools and equipment is cleaned with water whilst product is in 'fresh' state.

Product contains cement and reacts with Water.

Product is alkaline.

## Delivery and Storage

In paper bags 25 kg. 42 sacks / pallet.

Store in a dry, cool and frost-free place in original sealed packaging will ensure a shelf life of 12 months.

## Legal notices

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