

EM FLB Tile Adhesive

Product description

Hydraulically setting, flowable, flexible tile adhesive designed for void-free Laying of floor tiles and Cast stone.

Tested to DIN EN 12004 - Corresponds to C2 E.

Application

Produces a flexible adhesive bed with superior workability for the adhesion of floor tiles.

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

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

It may also be used to level small uneven areas of the floor before tiling up to a maximum thickness of 10mm.

Technical Information

Water Demand	1 kg = 0.240 litre
Maximum thickness	25kg = 6.0 litres 10mm
Soaking period	3 minutes
Open working time	Up to 30 minutes
Pot life	Up to 1 hour
Working temperature	+ 5 ° C to 30 ° C
Foot Traffic	After 5 hours
Grouting	After 12 hours
Fully loaded	After 5 days
Material Consumption	Approx. 1.3kg / m2 per mm thickness
10mm toothed trowel	3.4 kg / m2
7mm toothed trowel	Approx. 4.5 kg / m2
Colour	Grey

Substrates

The flexible properties of EM FLB 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 EM FLB – 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.

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:

Cement screeds:
max. 2.0% Moisture

Anhydrite and calcium sulphate screeds:
max. 0.5% Moisture

Underfloor heating:
max. 0.3 % Moisture

Gypsum based substrates:
max. 1.0 % Moisture

Cement floor slabs:
Air dry

If in doubt check the substrate before application.

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

The information provided in this document is based on our technical knowledge and experience at the present time. It should be regarded as a general guideline only. Owing to the large number of potential influences, it does not relieve anyone using or processing our products from the responsibility of carrying out their own tests and experiments nor does it imply any legally binding assurance of certain properties or that our products are fit for a specific purpose. Responsibility for complying with any property rights, applicable laws or other requirements lies solely with the processor.

This datasheet invalidates any previous datasheets.