

EMULBIT FP1 FLEX

Polimer liquid insulating film

Product description

Single-part ready-to-use sealing mass in the form of acrylic resin dispersion. After drying, it forms a tight, compact, flexible, water-resistant and seamless coating insulation characterised with very high adherence and ability to cover scratches. Eco-friendly product – does not contain any solvents..

Recommended use

Used for providing insulation under tiles on terraces and balconies. Used for providing anti-moisture sealing coats on horizontal and vertical surfaces before applying ceramic tiles and other finishing linings in rooms subject to intensive moisture impact, e.g. kitchens, bathrooms, restrooms, laundries, shower cubicles, basements, etc. Surfaces suitable to be covered with EMULBIT FP 1 include regular concrete, cement and cement-lime plasterwork, jointless floors (also heated), masonry elements of silicates, light aggregate and cellular concrete, applied on full joints, gypsum plaster (humidity < 1%), plaster-cardboard panels, internal standard and heated cement jointless floors and anhydrite jointless floors (humidity < 0.5%), regular and heated, floor levelling mortar and internal ceramic lining and fat, paint coatings) and dry. Plaster in unstable layers of insufficient strength must be removed. Scratches and cracks wider than 0.7 mm must be repaired through their hammering and filling with levelling mortar. Concrete surfaces must be at least 6 months old (unless agents minimising shrinkage have been applied), plasterwork and cement jointless floors must be



at least 4 weeks old and anhydrite jointless floor must be at least 2 weeks old.

Surface humidity must not increase so that water pressure that might result in removing the sealing coat from the floor is prevented. Anhydrite jointless floors must be ground and dusted. Gypsum plaster must be at least 10 mm thick, single-layer, not smoothed or felted. Strongly absorbable and flowing surfaces must be primed with EMULBIT POLIGRUNT.

Application

Prior to application, EMULBIT FP1 must be mixed by means of a slow-speed agitator. Do not dilute the substance. Do not mix with other materials. After preparing the surface, start from additional sealing of joints between walls, walls and floors, expansion joint gaps, piping passes and possibly floor inlets by means of sealing tapes, sealing corners or wall and floor sealing flanges. In the vicinity of the sealed areas apply a coat of EMULBIT FP1, add a sealing corner, tape or flange, press and cover with a thin layer of liquid film.

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Directly after sealing the required spots, apply the insulation layer by means of a roller or brush on the sealed area. The mass layer thickness must be uniform without pores. Recoat after the previous coat is dry. In order to seal the surface properly, apply at least two layers, total thickness 1-1.5 mm. When EMULBIT FP1 is dry, fix ceramic tiles using flexible adhesive mortar. least two layers with a total thickness of 2 mm.

Conditions

Protects from freezing. Store and transport at +50 to +300C. The shelf life in tightly closed and undamaged packing is min. 12 months. The product is packed in 1.2 kg, 4 kg, 7 kg and 12 kg buckets

Notes

The given product data sheet specifies the product application scope. Works must be performed in line with Health&Safety rules resulting from MSDS and labels on packaging.

After this sheet is published, all previous sheets cease to be valid

Technical data

Composition	Acrylic resin dispersion, fillers and auxiliary substances
Colour and consistency	White thick paste
Density	1350 ±100 kg/m ³
Initial adherence	1.0 N/mm ²
Adherence after thermal ageing	1.1 N/mm ²
Waterproof properties	No permeation
Ability to bridge cracks	<u>4 mm</u>
Application temperature	From +5 ⁰ C to +25 ⁰ C
Drying time	First layer – approx. 3 hours Each next layer – approx. 4 hours
Consumption	Approx. 1.4 kg/m ² for each mm of layer thickness
Number of layers	At least 2 layers recommended
Tiles can be applied	After 18-24 hours
Tools cleaning	With clean water, immediately after finishing work