



EMULFIX

Plaster and Mortar Additive Used to increase adherence and water impermeability

Description:

EMULFIX is a styrene butadiene rubber based bonding agent, mortar and render additive to increase its water resistance and durability.

Areas of Application:

- As a bonding agent for mortars and repair mortars,
- As a water impermeability additive for plaster and screeds,
- To increase the adherence and water impermeability of plasters for water reservoirs, pools and treatment plants,
- For preparing of sprinkling in screeds and coating mortars,
- On smooth, glossy concrete surfaces and on gas concrete,
- For surface preparation before plaster and tile, ceramic etc. coating applications,
- In precast concrete elements,
- In reinforced concrete silos,
- In hydroelectric power plants,
- In nutrient stores,
- For waterproofing of flower pots.

Properties/Advantages:

- It forms a strong and lasting bond where it is applied.
- Enhances the flexural and tensile strength of the mortar and render.
- Provides good resistance to water and moisture vapour transmission.
- Improves the chemical and abrasion resistant properties of the mortar.
- It is resistant to abrasion and do not cause cracks while hardening.
- Do not cause saponification or corrosion.
- It provides perfect elasticity and adherence properties.

Technical Data:

Basis:	latex emulsion additive
Solid content (DIN 53189):	25% ± 1
PH (DIN 53785):	11 ± 0,5
Freeze resistance:	- 20°C
Density:	~ 1 kg/l
Elongation at break, dry film:	250%
Tensile strength:	3,7 N/mm ²

Water absorption of dry film

(DIN 53495): 10%

Minimum film forming temp.: 0°C

Packaging:

30 kg bin

Storage:

The product can be kept in its original package for 12 months if it is protected against sun light in a dim place.

Surface Preparation:

The surface to receive screed or repair mortar application should be cleaned from dirt and loose particles. In case of a fair-face concrete surface it is recommended to form a binding coat by applying cement slurry made of cement, coarse sand and EMULFIX in the mixing water.

Product Preparation:

The product is ready to use.

Method of Application:

In case of a fair-face concrete surface it is recommended to form a binding coat by applying cement slurry made of cement, coarse sand and EMULFIX in the mixing water. In case of a multilayer screed application, it is recommended, in order to have maximum bonding between each layer, to apply subsequent layers within the setting time of the cement. To avoid shrinkage cracks it is also recommended not to apply mortar layers thicker than 10 times the maximum aggregate size.

EMULFIX is diluted by between 1: 1 and 1: 4 with water and then is used in general for a wide variety of mortars mixing water.

	EMULFIX	WATER	CEMENT	SAND
ADHERENCE	1 unit	1 unit	2 unit	2 unit
RENDER SCREED	1 unit	4 unit	5 unit	10 unit

In the waterproofing application of water reservoirs, EMULFIX is used in the surface preparation repair mortars to smoothen corners fill holes etc before the waterproofing lining is applied.

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Technical Data Sheet

EMULFIX

EMULFIX is used as a primer on cementitious surfaces before DÖKŞAP self levelling compound is applied. In such of case, EMULFIX is applied as a surface primer in two coats with a 1:1 dilution with water.

Consumption: 200 g/m²/layer

Cleaning:

Clean the tools with water right after the application.

Health and Safety:

Please refer to the MSDS.