

INNO-MIX FOX BINDER FLEX FM126

Multi-purpose, Impermeable, Binding Additive for Cement Based Plasters and Screeds

Description

FOX BINDER FLEX FM126 is an adherence enhancer, binder, providing flexibility, auxiliary additive material for cement-based mortars such as ceramic adhesives, plasters, screed, repair mortars. When mixed with cement, it is an auxiliary additive material that provides waterproofing and moisture insulation on walls.

Fields of Application

- As an additive on repair mortars,
- As adherence additive in mortars prepared for repairing of the screeds and plasters,
- As additive to give flexibility to one component waterproofing materials,
- As an additive to make ceramic adhesives more flexible,
- As surface preparation before applying plaster and ceramic, as an additive in prepared mortars for the laying of natural stone, brick, tile plates,
- Used as moisture insulation on reinforced concrete curtain surfaces, outdoor brick walls exposed to rain, when mixed with cement.

Advantages

- Creates a strong and permanent bond.
- It gives elasticity feature.
- Increases the adhesion of cement based mortars.
- It provides perfect adherence.
- High resistance against chemical and mechanical attacks is achieved.
- Increases shrinkage resistance of plaster and screed, minimizes cracking of screed and plaster.
- It does not contain additives that cause corrosion.
- Increases the resistance against to the freeze-thaw cycle.
- It increases workability.
- Protects concrete and mortar against external effects.

Technical Data

Structure of Material	Modified Polymer Dispersion
Density	1,1±0,05 gr/cm ³
Color	Beyaz
pH	9,0-10,0
Solid Matter	% 30±2
Application Temperature	+5°C / +35°C

The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures extend the time

Mixing

Preparation of Ceramic Adhesive

1 kg of powder ceramic adhesive into to the liquid mixture prepared by adding 1 unit **FOX BINDER FLEX FM126** and 1 unit water is added and mixed. Mortar that is on consistency of trowel is obtained.

25 kg of **FOX CERA FX110 Gray** is mixed with 4,00 L of **FOX BINDER FLEX FM126** and 4,00 L of water.

25 kg of **FOX CERA FX110 White** is mixed with 4,375 L **FOX BINDER FLEX FM126** and 4,375 L of water.

25 kg of **FOX CERAPOL FX111 Gray** is mixed with 4,00 L **FOX BINDER FLEX FM126** and 4,00 L of water.

25 kg of **FOX CERAPOL FX111 White** is mixed with 4,375 L **FOX BINDER FLEX FM126** and 4,375 L of water.

25 kg of **FOX CERAPOL FX111 FLEX Gray** is mixed with 4,00 L **FOX BINDER FLEX FM126** and 4,00 L of water.



25 kg of **FOX CERAPOL FX111 FLEX White** is mixed with 4,375 L **FOX BINDER FLEX FM126** and 4,375 L of water.

25 kg of **FOX CERAPLUS FX112 Gray** is mixed with 4,00 L **FOX BINDER FLEX FM126** and 4,00 L of water.

25 kg of **FOX CERAPLUS FX112 White** is mixed with 4,375 L **FOX BINDER FLEX FM126** and 4,375 L of water.

25 kg of **FOX CERAFLEX FX114 Gray** is mixed with 4,00 L **FOX BINDER FLEX FM126** and 4,00 L of water.

25 kg of **FOX CERAFLEX FX114 White** is mixed with 4,50 L **FOX BINDER FLEX FM126** and 4,50 L of water.

25 kg of **FOX FLEXMORTAR FX116 Gray** is mixed with 4,00 L **FOX BINDER FLEX FM126** and 4,00 L of water.

25 kg of **FOX FLEXMORTAR FX11 White** is mixed with 4,50 L **FOX BINDER FLEX FM126** and 4,50 L of water.

Preparation of Repair Mortar

20 kg **FOX SILK MORTAR FC125** is mixed with 4,00 L (4 units) **FOX BINDER FLEX FM126** and 2,50 L (2,5 units) of water.

25 kg of **FOX MORTAR T FC188 T** is mixed with 2,50 L (1 unit) **FOX BINDER FLEX FM126** and 2,50 L (1 unit) of water.

25 kg of **FOX BASEMOR FC205** is mixed with 4,50 L (1 unit) **FOX BINDER FLEX FM126** and 4,50 L (1 unit) of water.

In plaster mortars

350 kg of cement are mixed with 1 m³ of washed river sand in suitable granulation. The mixture prepared by adding 120 liters of water to 5 kg **FOX BINDER FLEX FM126** is added on the powder mixture prepared before and mortar that is on consistency of trowel is obtained. The surfaces should be wetted 12 hours before the application and **FOX BINDER FLEX FM126** added mortar should be applied on wet / dry surface.

Primer in Screeds (PCC)

1 part of cement and 3 parts of stream sand are mixed. The liquid mixture prepared by adding 2 parts of water to 1 part of **FOX BINDER FLEX FM126** is added to the powder mixture. The mixture brought to the consistency of boza is spread on the floor with a brush in 2 mm thickness.

Preparation of Screed

At least 350 kg of cement is mixed into 1 m³ of washed river sand in appropriate granulation. The liquid mixture prepared by adding 110 liters of water to 4 kg of **FOX BINDER FLEX FM126** is added to the powder mixture prepared beforehand and brought to a suitable consistency.

In Insulation Mortars

Primer application:

1,00 L (1 unit) **FOX BINDER FLEX FM126**: 2.00 L (2 units) water is mixed with 4 kg (4 units) of cement and applied to the surface which is previously moistened and removed from any foreign matter such as dirt, oil, grease, coating and curing materials with a brush. The surface is left to dry.

Insulation layer:

1.00 L (1 unit) **FOX BINDER FLEX FM126** is mixed with 2 kg (2 units) cement for a maximum of 2 minutes and applied to surface at 1-2 mm thickness with the help of a brush. After the application, the surface should be protected from contact with water for 5-6 hours.

Consumption

Variable

Package

20 kg plastic bin

Shelf Life

When stored properly at room temperature, away from direct sunlight, between +5°C and +30°C, shelf life is 12 months from the date of production.



Storage

Should be stored in its original package, in a cool and dry place protected from frost and away from direct sunlight. In short-term storage, shipment should be made with the first-in, first-out system. In long-term storage, pallets should not be placed on top of each other.

Safety Precautions

It is dangerous to approach the storage and application areas with fire. Storage and application areas should be ventilated.

During the application, work clothes, protective gloves, goggles, masks in accordance with the occupational health and safety rules should be used. During storage and application, the material should not be contacted with the skin and eyes, if contacted, should be washed immediately with plenty of water and soap, and if swallowed, should be sought medical attention immediately. Foods and drinks should not be taken into the application areas. The material should be stored out of the reach of children.

For detailed information, please refer to the Material Safety Data Sheet.

Disclaimer

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