

INNO-MIX FOX CORRUGOL FM212

Surface Retarder for Visible Aggregate Concrete

Description

FOX CORRUGOL FM212 is a one component, water based, solvent free surface retarder used for the production of visible aggregate concrete.

Fields of Usage

- Used on cast-in or precast concrete, architectural applications where aggregates are desired to appear on the surface (wash concrete, exposed aggregate concrete)
- It is used for the purpose of roughening the fresh concrete surfaces in horizontal construction joints without the need for physical abrasion (sandblasting, notching, chipping, etc.). Concrete building joints roughened in this way provide an important convenience for screed and plaster applications.
- It is used to obtain applications with permanent visible aggregate surfaces such as walkways and terrazzo.

Advantages

- Delays the normal hydration of cement on the concrete surface (high cement content and temperature reduce the delay). When the delay is over, the concrete continues to gain strength.
- Depth of the retarded layer depends on the amount of product applied, the time until the retarder is removed from the surface, the amount of water and cement in the mixture and the ambient temperature.
- Reduces roughening labor costs.
- It can be diluted according to the application purpose.
- It is easy to apply.
- Does not contain solvent.

Technical Data

Structure of Material	Organic Acid Compound
Density	1,05 gr/cm ³
Physical Appearance (Color)	Yellowish, transparent
pH Value	1,5-2,0
Total Solid Matter	%32-33
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

Application

FOX CORRUGOL FM212, pre-mixing is not required. It can be applied directly. If the product is to be applied to the concrete surface, application should be applied before taking the first setting after the newly poured **FOX DOMINO MORTAR BC** sweating water has removed from the surface. Apply until the application surface **FOX CORRUGOL FM212** is homogeneous.

Consumption

According to the roughness and absorbency of the mold, the desired dilution rate and roughening depth; 200--600 g/m²

Package

20 kg plastic barrel
1000 kg IBC tank

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. Opened packages can be used throughout the shelf life by closing their lids.

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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