

INNO-FLOOR FOX ACRILCOAT FF800

Transparent Impregnation Material with Anti-Dusting Water Repellent Properties for Concrete Floors, Press Brick Coating and Ceramic Joints

Description

FOX ACRILCOAT FF800 is an acrylic resin-based impregnation material used for preventing dusting of all kinds of concrete floors, ensuring bright appearance, protecting pressed brick coatings, reducing the dirt of ceramic joints, gaining water-repellent properties.

Fields of Application

- All kinds of old or new concrete, gross concrete and field concrete,
- In ground concretes applied with surface hardener,
- For strengthening cement-based surfaces that have high absorbency and dusting, indoors and outdoors.,
- To prevent contamination of ceramic, tile and marble joints,
- Providing water-repellent feature of ceramic, tile and marble joints,
- It is used to provide water-repellent properties of pressed brick coverings.

Advantages

- Easy to apply and use.
- Prevents dusting, provides a harder surface.
- Extremely easy to clean smooth surface is obtained.
- It is resistant to freeze - thaw effect and has UV resistant.
- Water vapour permeable when applied on exterior surfaces.
- It is water repellent.
- Does not contain solvent.

Technical Features

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| Structure of the Material | Liquid acrylic, copolymer dispersion |
| Density | 1 kg/lt |
| Colour | White (Transparent after drying) |
| Consistency | Brush Consistency |
| Application Surface Temperature | +5°C / +30°C |
| 2 nd Layer Application Time | 2 hours |

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

Surface Quality

Concrete substrates to be applied must have a strong and sufficient compressive strength (at least 25 N / mm²), tensile strength at least 1.5 N / mm², humidity should be maximum 4%, ground temperature minimum + 8°C. In addition, it should be noted that the dew point of the ground is above + 3°C. The substrate must be clean, dry and free from all kinds of dirt, oil, grease, coating and surface curing materials etc..

Application Procedure

Substrate Preparation

Concrete substrates to be applied should be prepared in a way to obtain an open porous surface by removing cement grout by using abrasive equipment (Shot Blasting, milling, diamond polishing etc.). Weak concrete pieces should be removed from the surface, small gaps; holes should be made completely open. The resulting dust should be cleaned with the help of an industrial vacuum cleaner. **FOX INNO-CRETE** repair mortars should be used for substrate repairs, filling gaps and smoothing the surface.

Application Conditions

- In applications where new concrete will be poured, concrete should be expected to complete at least 28 days of curing.
- Surface moisture content should be below 4%.
- There should be no rising humidity according to ASTM. (Polyethylene cover test).
- Relative air humidity should be 80% maximum.
- Pay attention to dew and condensation!
- Dew and water vapour condensation on the floor that has not been applied or newly coated will damage the coating. To prevent this, the floor temperature must be above + 3°C.

Watch Points in Application

Surface Temperature ; Minimum +10°C - Maximum +30°C
Ambient Temperature ; Minimum +10°C - Maximum +30°C
Material Temperature ; Minimum +10°C - Maximum +30°C

Mixing

FOX ACRICOAT FF800 should be mixed with an electric mixer at 400 - 600 rpm until it becomes homogeneous.

Application

FOX ACRILCOAT FF800, is applied with brush or roller. Depending on the condition of the surface, the driving density should be adjusted. **FOX ACRILCOAT FF800** is applied in 1 or 2 coats according to the substrate condition.

Cleaning of the Tools

After the application, the tools and equipment should be cleaned with solvent.

Coverage

0,20-0,25 Lt / m² (for 3 layers)

Package

5 kg plastic bin

Shelf Life

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

Storage

It should be stored in its original package, in a cool and dry place protected from frost. In short-term storage, maximum 3 pallets should be placed on top of each other and 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, it should not be contacted with the skin and eyes, should be washed immediately with plenty of water and soap, and if swallowed, seek medical attention immediately. Food and drink materials should not be brought to the application areas. It should be stored out of the reach of children.

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

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