

FOX ACURE FR570

Acrylic Polymer Based Concrete Curing Material

Description

FOX ACURE FR570 is an acrylic polymer based curing material applied on newly cast concrete and screed with its formed film layer which reduces water retention by preventing fast drying and maintaining optimum strength by holding water in the concrete.

ASTM C 309 Type 2 Class B

Fields of Application

- In all types of site concrete,
- Concrete pavement and road applications,
- In channel and canal concrete,
- In surface hardener applications,
- In all kinds of reinforced concrete building elements,
- Used in screed applications.

Advantages

- Ready-to-use,
- Applied to all types of concrete surfaces,
- Reduce cracks (shrinkage) caused by rapid water loss on the surface,
- Provides a harder surface,
- Provides more effective curing than paraffin-based cures,
- Its application is simple, reducing labour costs,
- It is a more practical method than irrigation and similar curing methods,
- Used when watering is not possible.

Technical Features

Structure of the Material	Acrylic Polymer Based
Colour	White
Density	1,0 kg/lt
Flash Point	None
Dried Film Appearance	White, Transparent
Drying Time	2 hours 15 minutes
Service Temperature	-20°C / +80°C

The above values are given at +23°C and 50% relative humidity. High temperatures shorten the duration, lower temperatures prolong the duration.

Application

FOX ACURE FR570 must be applied by spraying or roll-on to freshly cast concrete or screed to be homogeneous. **FOX ACURE FR570** is applied to the glazed surfaces of sites, roads and upholstered concrete and to the surfaces of molded concrete that have lost their gloss after the molds have been removed.

Consumption

The average consumption of **FOX ACURE FR570** is 150-250 gr/m². The average consumption of surface hardener applications is 150 gr/m². **FOX ACURE FR570** should be applied in two coats (max. 6 hours between coats), with a consumption of 300 gr/m² in order to ensure effective curing in open and windy environments.

Package

20 kg plastic bin

Shelf Life

Shelf life is 12 months from the date of production when stored properly at +5°C to +30°C at room temperature, away from direct sunlight.

Storage

The product should be stored in its original package, in a cool and dry place protected from frost. For short term storage, maximum 3 palettes should be placed on top of each other and the shipment should be made on a 'first come, first go' basis. Palettes should not be placed on top of each other during long term storage.



Health and Safety Precautions

It is dangerous to approach the application sites with fire. Fresh air should be circulated in the storage and the application sites. During the application, a protective apparel, protective gloves, goggles and masks which comply with the Occupational Health and Safety Rules should be used. Due to the irritation effect of the uncured materials, the mixture should not come into contact with skin and eyes; in case of a contact, the affected area should be washed with plenty of water and soap; in case of swallowing, a physician should be consulted immediately. No food or beverages should be brought to the application area. The product should be stored and kept out of reach of children.

For detailed information please consult the Material Safety Data Sheet.

Disclaimer

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