

INNO-CARE

FOX P-CURE FR515

Paraffin Emulsion Based Concrete Curing Material

Description

FOX P-CURE FR515, It is a paraffin emulsion based curing material that is applied to the newly placed and/or newly molded concrete surface, provides optimum strength development by keeping the water within the concrete with the film layer it forms, does not contain solvents, and reduces shrinkage by preventing rapid drying.

Public Works Item No: 04.613/1F
ASTM C 309 Type 1 Class A

Fields of Application

- Airport and field concretes,
- In concrete road applications,
- In the concrete of bridges and high-rise buildings,
- In channel and flume concrete,
- It is used in concrete castings where humidity is low, evaporation and air currents are high.

Advantages

- It helps the cement to be hydrated better by preserving the moisture in the concrete with the film layer it forms.
- It is a more effective and more economical method as an alternative to similar curing methods such as sack, wire and irrigation.
- It reduces shrinkage cracks on the surface caused by rapid drying.
- Provides a dust-free surface.
- It is suitable for use in closed areas.
- Its application is easy and it reduces labor costs.
- **FOX P-CURE FR515** is solvent free.

Technical Properties

Structure of Material	Paraffin Emulsion Based
Color	White
Density	0,97 kg/lit
Gloss Point	None
Application Temperature	>5°C
Heat Resistance	+5°C - +40°C

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

Application

FOX P-CURE FR515 should be applied homogeneously on the newly poured concrete by spraying or with a roller. **FOX P-CURE FR515** is applied to the primed surfaces of field, road and slab concretes and to the surfaces of molded concretes that have lost their shine after the molds are removed.

Cleaning of Tools

Tools used after the application should be cleaned with warm water.

Consumption

The average consumption of **FOX P-CURE FR515** is 0,15 – 0,20 kg/m². The consumption of **FOX P-CURE FR515** can be increased to 0,30 kg/m² to ensure effective curing in open and high temperature weather and windy environments. Consumption is reduced on the inner surfaces that remain in the shade.

Watch Points

- In the application of **FOX P-CURE FR515**, it is recommended to apply by spraying method in order to obtain a uniform structure.
- The duration of action of the applied **FOX P-CURE FR515**; film thickness, weather conditions, degree of exposure to UV rays and may vary depending on the condition of the concrete surface.
- Considering coating on cured surfaces, curing can be done with hot water, brush or water jet from the surface. should be cleaned.
- Applying **FOX P-CURE FR515** as a thin layer with a roller prevents foaming. After waiting for a while for the bubbles formed in thick applications to disappear, the surface should be scanned again. Do not allow ponding by distributing the material evenly.
- Homogeneous application is important in order to prevent regional color differences.



Package

30 kg bin
200 kg barrel

Shelf Life

When stored properly at room temperature, away from direct sunlight between +5°C and +30°C, shelf life 12 months from date. Opened packages can be reused by closing their mouths.

Storage

It should be stored in its unopened original package, in a cool and dry environment, away from direct sunlight and protected from frost. In short-term storage, maximum 2 pallets should be placed on top of each other and shipment should be made with a 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 storage and application areas with fire. Storage and application areas should be ventilated. During the application, work clothes, protective gloves, glasses and masks in accordance with the occupational and worker health rules should be used. During storage and application, it should not be contacted with the skin and eyes, in case of contact, it should be washed with plenty of water and soap, and if swallowed, a doctor should be consulted immediately. Food and beverage materials should not be brought into the application areas. It should be stored out of the reach of children. For detailed information, the Material Safety Data Sheet should be consulted.

Disclaimer

The data contained in this technical document is based on our scientific and practical knowledge. SARTECH Yapı Malzemeleri San. ve Tic. Ltd. Şti. only responsible for the quality of the product. SARTECH Yapı Malzemeleri San. ve Tic. Ltd. Şti.. cannot be held responsible. The responsibility for the correct application of our product lies with the user. Our company is only responsible for the quality of the product. This catalog overrides the information in the previous catalogue. Our company reserves the right to make changes in any information and content details in this catalogue. It is essential to check that the information in the catalog is up-to-date and valid. All rights reserved.

