

# INNO- CRETE FOX PLUG FC340 PLUS

## Cement based, Fast Curing, Plug Mortar

### Description

**FOX PLUG FC340 PLUS** is a mortar containing special mineral fillers and binders, which can clog active water leaks suddenly, can be used within 30 seconds, completes its complete drying within 1-2 minutes, and is used for insulation and repair purposes.

**In compliance with EN 1504-3 /R2.**

### Fields of Application

- Foundations,
- Basement Curtain Walls,
- Elevator Shafts,
- Water Depots, reservoirs,
- Plugging the cavities where pressurized and unpressurized water comes from, Tunnels, underground structures

### Advantages

- Ready to use.
- It can be applied both in powder form or as mortar mixed with water.
- Fast curing.
- Blocks leakage and leaks.
- Insulation material can be applied on it after 10-15 minutes.
- Provides excellent adhesion to the applied surface.
- It does not contain chlorine, it does not damage the equipment.

### Technical Data

Structure of Material	Special cement and mineral filler
Color	Gray
Appearance	powder
Compression Strength 30 min	10 N/mm <sup>2</sup>
24 hour	25 N/mm <sup>2</sup>
28days	65 N/mm <sup>2</sup>
Bonding strength	>0,50 N/mm <sup>2</sup>
Application Surface Temperature	+5°C / +30°C
Working Time	30 seconds
Fully Cured	1-2 min



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

### Application Procedure

#### Preparation of Substrate

The surfaces to be repaired must be sound and free from all kinds of dust, oil and residues. Cold joints should be opened in a conical manner with a depth of at least 20 mm in depth and width.

#### Mixing Rates

270 ml of water should be added to 1 kg **FOX PLUG FC340 PLUS**.



## Application

### As Mortar

Add the amount of material to be consumed in 1 minute into a clean application container and add water by paying attention to the mixing ratio. It is mixed by hand using gloves with suitable protective properties. It is applied immediately to leaks and holes. It is pressed by hand for a while.

### As Powder

Take some material in your palm and press it on the leak in one move. Press the plug by hand until it reaches the cured. Gloves must be used while doing this process.

### Cleaning of the Tools

Tools and equipment used after the application should be cleaned with water. **FOX PLUG FC340 PLUS** can only be mechanically cleaned from the surface after hardening.

### Consumption

Variable

### Watch Points

- In **FOX PLUG FC340 PLUS** application, if the temperature is below + 5°C or above + 25°C, a suitable temperature environment must be provided or waited.
- **FOX PLUG FC340 PLUS** sets as a result of rising hydration heat. Therefore, it should be kept moist for 10-15 minutes.
- Working and reaction times of special cement based repair mortars are affected by air temperature, humidity and floor temperatures. High temperatures accelerate hydration and the working time is shortened accordingly. Low temperatures slow down hydration, and thus extend the working time. In order for the material to complete its curing, the floor temperature and ambient temperature to be applied must not fall below the minimum allowed value.
- In order to obtain the workability of the material in cold weather applications, the material should be conditioned in a hot environment at temperatures between + 20°C and + 25°C and the mixture should be prepared with hot water.

### Package

7 kg plastic bucket

### Shelf Life

When stored properly at room temperature, away from direct sunlight, between + 5°C and + 30°C, shelf life is 6 months from the date of production. Opened packages should be consumed within 1 week by closing their mouths.

### Storage

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, 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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