

INNO-FLOOR FOX PEBBLEDECK® FILLER FD511

Cement Based, Specially Developed For Fox Pebbledeck Systems, High Performance, Joint Filler Resistant To Pool Chemicals

Description

FOX PEBBLEDECK® FILLER FD511 is cement based, specially developed for Fox Pebbledeck Systems, resistant to pool chemicals, high mechanical strength, easily applied, hygienic joint filling material.

Fields of Application

- As joint filler in **FOX PEBBLEDECK®** systems,
- In swimming pools horizontal and vertical applications.

Advantages

- Easy and fast application,
- High mechanical strength,
- Resistant to pool chemicals and cleaning materials.
- It is more resistant to acidic cleaners than other cement based joint fillers,
- Resistant to cleaning with +250°C and 100 bar high pressure water jet,
- Resistant to freeze and thaw effects.

Technical Features

Structure of the Material	Specially selected fillers, synthetic additives, polymers and special cement
Dry Density	Grey:1,14 gr/cm ³ , White:1,16 gr/cm ³ , Blue:1,12 gr/cm ³ , Sand Beige:1,16 gr/cm ³ , Black:1,14 gr/cm ³
Fresh mortar Density	Grey:1,87 gr/cm ³ , White:1,99 gr/cm ³ , Blue:1,65 gr/cm ³ , Sand Beige:1,99 gr/cm ³ , Black:1,87gr/cm ³
Colour	White, Grey, Blue, Sand Beige, Black
Compressive Strength	≥50 N/mm ²
Tensile Strength	≥3,50 N/mm ²
Shrinkage Strength	<2 mm/m
Abrasion Strength	<1000 mm ³
Water Absorption	30 minutes <2 gr 240 minutes <5 gr
Application Surface Temperature	+10°C / +30°C
Working Time	60 minutes
First Touch Cure	6 hours
First Water Contact	24 hours



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

Application Procedure

Substrate Preparation

Before applying **FOX PEBBLEDECK® FILLER FD511**, make sure that the surface is dry and clean. The **FOX PEBBLEDECK®** system should be expected to have sufficient strength. Depending on the weather conditions, the waiting time of 12-24 hours is generally sufficient.

Mixing

Clean water as described on the package is placed in a clean mixing bowl. While the **FOX PEBBLEDECK® FILLER FD511** bag is slowly added into the water, it is mixed with the 400-600 rpm mixing drill for about 4 minutes until it becomes homogeneous. No lumps should remain in the material. After the material is rested for 30 seconds, it is mixed again for 1 minute and made ready for application. Different water ratios and different mixing patterns may cause undesired color differences.



Mixing Ratios

For 1 kg of **FOX PEBBLEDECK® FILLER FD511** Grey, White, Blue, Sand Beige approximately 0,200 lt of water should be used.

For 1 kg of **FOX PEBBLEDECK® FILLER FD511** Black approximately 0,220 lt of water should be used.

For 20 kg/1 bag of **FOX PEBBLEDECK® FILLER FD511** Grey, White, Blue, Sand Beige approximately 4,00 lt of water should be used.

For 20 kg/1 bag of **FOX PEBBLEDECK® FILLER FD511** Black approximately 4,40 lt of water should be used.

Application

FOX PEBBLEDECK® FILLER FD511 is applied on the surface with a hard rubber trowel or mortar gun. Excessive material on the surface should be cleaned. When the material becomes finger pressure resistant (approximately 20 minutes depending on the ambient temperature), the surface is cleaned with a damp sponge.

Cleaning of the Tools

After the application, the tools and equipment used should be cleaned with water. **FOX PEBBLEDECK® FILLER FD511** can only be removed from the surface mechanically after it hardens.

Coverage

Variable.

Watch Points

Using different amounts of mixing water during the application causes changes in joint colors. For this reason, applications should be made without changing the amount of water. Excessive water can weaken the material and cause spills and cracks.

Package

20 kg Polyethylene reinforced kraft bag

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. Opened packages should be consumed within 1 week by closing their mouths.

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.

Disclaimer

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