

INNO-FIX FOX EPOXYFUGA FX142 PEBBLE

Epoxy-based, Two-Component, Chemical and Bacterial Resistant, Solvent-Free Joint Sealant

Description

FOX EPOXYFUGA FX142 PEBBLE, is an epoxy resin-based, hygienic joint filler material specially developed for Fox Pebbledeck Systems, resistant to pool chemicals, high mechanical strength, easy to apply.

It complies with EN 13888 - RG class.

RG Reaction resin based joint filling materials.

Usage Areas

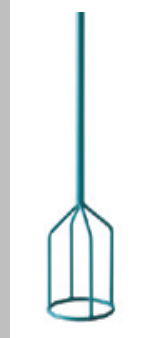
- As joint filler in **FOX PEBBLEDECK** systems,
- Vertical and horizontal in swimming pools,

Advantages

- Easy and fast to apply.
- It has high mechanical strength.
- Resistant to pool chemicals and cleaning agents.
- It is hygienic.
- It is more resistant to acidic cleaners.
- Dirt-proof, easy to clean.
- Suitable for joint widths from 2 mm to 10 mm.
- Resistant to freeze-thaw cycle.

Technical Data

Structure of Material	A Component	Epoxy Resin
	B Component	Epoxy Hardener
Specific Weight	A Comp. +B Comp.	1,55-1,65
Density		1,58 gr/cm ³
Compressive Strength		≥45 N/mm ²
Flexural Strength		≥30 N/mm ²
Breaking Strength		≥2,0 N/mm ²
Abrasion Strength		<250
Water Absorption	4 hours later	<0,10 gr
Surface Temperature		+10°C / +35°C
Temperature Resistance	Dry Environment	-20°C / +80°C
	Wet Environment	-20°C / +50°C
Usage Time		45 minutes
Opening time to pedestrian traffic		3-7 days



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

Application Procedure

Surface Preparation

It should be waited for the adhesive used for ceramic adhesive to reach the required strength. Before applying the material, it should be ensured that the ceramic surfaces are clean.

Mixing

FOX EPOXYFUGA FX142 PEBBLE is packaged as components in appropriate quantities. If a part of the package is to be used, Resin A / hardener B = 100/6 (by weight) is mixed. It should be mixed for at least 3 minutes with a 400 - 600 rpm mixer tip drill until a two-component homogeneous mixture is formed.

Mixing Ratios

A Component; 5 kg Epoxy resin

B Component; 0.3 kg Epoxy hardener

Note; The Hardener Component (0.3 kg) is in the resin package.

A Component; 20 kg Epoxy resin

B Component; 0.8 kg Epoxy hardener

Note; The Hardener Component (0.8 kg) is in the resin package.



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Application

FOX EPOXYFUGA FX142 PEBBLE, It is filled into the joints with a plastic or hard rubber trowel or with the help of a mouth-filled gun. Excess material is scraped off the joints. In deep joints, the first applied material collapses in the joint. It should be ensured that the joint is fully filled. Depending on the ambient and surface temperature, it is waited for 15 to 30 minutes, the surface is cleaned with the help of a suitable sponge and hot detergent water and the joints are brought to their final shape. The sponge that gets dirty during cleaning should be changed frequently.

Cleaning of the Tools

Tools and equipment used after the application should be cleaned with hot water with detergent. After **FOX EPOXYFUGA FX142 PEBBLE** hardens, it can only be cleaned from the surface by mechanical methods.

Cleaning of Ceramics

Epoxy-based grouting materials form a film layer over the ceramics. This layer must be thoroughly cleaned. Cleaning becomes very difficult if it is delayed. The last film layer on the ceramics should be cleaned 4 to 10 hours after the application with the help of a suitable sponge and warm (room temperature) detergent water, 10% alcohol should be added to the final cleaning water and the surface should be wiped.

Coverage

Total coverage in 2 layers ~1,50 kg/m²

Watch Points

- **FOX EPOXYFUGA FX142 PEBBLE** should be mixed mechanically, not with a trowel. Working and reaction times in epoxy resin-based systems are affected by ambient temperature, floor temperature and humidity in the air. Low temperatures slow down the reaction, extending the pan life and working time. At the same time, since the viscosity will increase, the consumption will also increase. High temperatures accelerate the reaction, shortening the working time and pan life. In order for the material to complete its curing, the ambient and ground temperature should not fall below the minimum given temperature.
- In **FOX EPOXYFUGA FX142 PEBBLE** application, if the ambient and ground temperature is below +5°C or above +25°C, suitable temperatures should be expected. It should not be applied in extremely hot, windy and rainy weather. If the application will be made in cold weather, the packages should be conditioned in a hot environment between +20°C and +25°C in order to increase the workability of the material.
- After applying **FOX EPOXYFUGA FX142 PEBBLE**, it should be cleaned with hot and soapy water between 15 and 30 minutes.

Special Warnings

FOX EPOXYFUGA FX142 PEBBLE must be mixed with a suitable mixing drill.

It should never be mixed by hand or with a trowel.

Working and curing times of Epoxy Resin-based products depend on the ambient and floor temperature.

The most suitable application temperature range is 10°C -20°C.

Water and new material should never be added to the FOX EPOXYFUGA FX142 PEBBLE mixture.

Colors

Transparent, Gray, White, Blue, Black, Green

Colors can be produced when minimum 208 kg (minimum mixing amount) and above.

Package

5,30 kg Plastic bucket

21,20 kg tin bucket

Shelf Life

Shelf life is 12 months from the date of production when properly stored at room temperature, away from direct sunlight between +5°C and +30°C. Opened packages should be closed and consumed within 1 week.



Storage

It should be stored in its unopened original package, in a cool and dry environment, protected from frost. In short-term storage, maximum 3 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 soap and water. 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.

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