

INNO-FLOOR FOX PURATHANE® SF PORESEALER

Polyurethane Based, Two Component, Solvent Free, Filler Paste

Description

FOX PURATHANE® SF PORESEALER is polyurethane based, two component filler paste, specially designed for sports floors, used for filling EPDM and SBR rubber sheet surfaces.

Fields of Application

In order to fill rubber pores and gaps to ensure the impermeability of sports floors;

- Indoor and outdoor,
- Sports saloons,
- Tennis courts,
- Play grounds of gymnastic, wrestling and likewise games,
- Offices,
- It is used in areas requiring sterile and high strength.

Advantages

- Can be used in interiors and outdoors.
- Solvent free.
- Provides flexible adhesion.
- Easy to apply.
- It hardens quickly, the surfaces become suitable for pedestrian traffic in a short time.

Technical Features

Colour	Light Cream
Density	1,50 kg/lt
Splice Strength	1,7 N/mm ²
Working Time	50 minutes
Cures in	24 hours
Application Temperature	+10°C / +30°C
Fully Cures	7 days



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

Application Procedure

Surface Quality

Surfaces to be applied must be solid; EPDM or rubber granule plates laid on the floor must have been cured. The surface should not be damp or wet; the floor temperature should be minimum +8°C. The substrate must be clean, free from weak materials, free of any dirt, oil, grease, coating and surface curing materials etc. that will reduce adhesion strength on the surface.

Application Conditions

- Substrate moisture content should be below 4%.
- Relative air humidity should be 80% maximum.
- Pay attention to dew and condensation!
- Dew and water vapour condensation on the floor that has not been applied or newly coated will damage the coating. To prevent this, the floor temperature should be above +3°C.

Watch Points in Application

Surface Temperature	; Minimum +10°C - Maximum +30°C
Ambient Temperature	; Minimum +10°C - Maximum +30°C
Material Temperature	; Minimum +10°C - Maximum +30°C

Mixing

Before starting the mixture, make sure that the product temperatures are between +10°C and +30°C. A component **FOX PURATHANE® SF PORESEALER** contains filler. Mix the A component product thoroughly with an electric mixer and a suitable mixing tip until you are sure that there is no product on the bottom and sides of the container. After adding the B component product into the A component product, mix continuously for 3-4 minutes until you get a homogeneous mixture. Avoid over mixing to minimize air entrainment.

Mixing Tools: (300 400 rpm) electric mixer and epoxy / polyurethane resin mixing tip.

Application

FOX PURATHANE® SF PORESEALER is poured onto the surface, applied with a flat-mouthed rubber check or a suitable trowel. During the stripping, pressure is applied to the trowel to remove the excess of the surface and fill the pores thoroughly.



Cleaning of the Tools

After the application, the tools and equipment used should be cleaned with solvent or polyurethane thinner. **FOX PURATHANE® SF PORESEALER** can only be removed from the surface by mechanical methods after hardening.

Watch Points

- Concrete surfaces to be coated with epoxy / polyurethane must be at least 3 weeks old before application, forming a vapour barrier layer on the floors that sit on the ground, and the roof, walls, doors and windows of the building have been made, the ambient and surface temperature must be at least +10°C and +30°C.
- The materials to be used must be brought to the application site 1-2 days prior and must adapt to the ambient conditions.
- In applications to be carried out in cold weather, the ambient and ground temperature should be increased, and the packaging should be prepared at +20°C - 25°C and ready for use in order to increase the processability of the products.
- Rain, dust, wind, animals and pests should be prevented from entering the building while the coating is fresh.
- In resin-based systems, pot life and curing times are affected by ambient temperature, ground temperature and humidity in the air. Curing slows at low temperatures, which increases pot life, over coating time and working time. Curing accelerates at high temperatures, which shortens pot life, over coating time and working time. In order for the entire product to complete its curing, the ambient and ground temperatures should not be lowered below the minimum temperature levels given. After the application is completed, the coating should be protected from direct water contact for at least 24 hours. If water contact occurs, there will be softening and blistering on the coating, which will cause the coating to lose its properties. Therefore, the coating should be completely removed and rebuilt.
- Consumptions are given for ideal conditions where ambient and surface temperatures are considered as 20°C. Actual consumption may vary depending on the surface structure and ambient temperature. It should be remembered that consumption will increase in bad surfaces and cold weather conditions.
- Mixing must be done with an electric mixer of 300-400 rpm and the specified epoxy / polyurethane resin mixing tip. In case of not mixing with the specified mixing tip, air will be dragged into the product, which will cause air bubbles to form on the coating after application.

Coverage

750-850 gr/m²

Package

20 kg set

A component; 17,40 kg Tin bucket

B component; 2,60 kg Tin bucket

Shelf Life

When stored properly at room temperature, away from direct sunlight, between +5°C and +30°C, its shelf life is 6 months from the date of manufacture.

Storage

It should be stored in its original package, in a cool and dry place protected from frost. For short term storage, maximum 2 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.

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