

INNO-FLOOR FOX PURATHANE® SF TOPCOAT

Polyurethane Based, Two Component, Aliphatic, Coloured Topcoat

Description

FOX PURATHANE® SF TOPCOAT, is polyurethane based, two components, aliphatic, specially designed for sports flooring, UV resistant, matte, flexible, coloured topcoat.

Fields of Application

Areas where wear resistance, UV resistance and matte appearance are required such as;

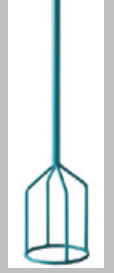
- Sports saloons,
- Basketball, Volleyball, Tennis courts
- Gymnastics, wrestling and all other gym play grounds,
- It is used on offices and store floors operating in various fields.

Advantages

- It can be used indoors and outdoors.
- UV resistant.
- It has excellent chemical resistance.
- It has excellent abrasion resistance.
- It has good mechanical resistance.
- Flexible.
- Economic.
- Easy to apply.
- High chemical resistance.
- High splice strength.
- Easy to maintain and clean.
- It provides hygienic environments.
- Easy to sterilize.
- Matte topcoat appearance is obtained.

Technical Features

Density		1,31 gr/cm ³
Colour		Ral Colours
Splice Strength		>1,14 N/mm ²
Pendulum Hardness	DIN EN ISO 1522 7 days	30
Taber Abrasion Test 1 kg.CS 10,1000 d.		~42 mg
Viscosity DIN 53019		250 mPas
Dilution		No Dilution
Drying Time	70-80 µm	5 hours
Working Time		90 minutes
Erichsen Deep Tensile Test	DIN EN ISO 1520	>10



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

The coating surface on which **FOX PURATHANE® SF TOPCOAT** will be applied must be free of dust, dirt, oil and other substances that will prevent adhesion. Application should be done within the recoating time of the coating system. In case of application on old coatings, our Technical Service should be consulted for the application method.

Mixing

Before starting the mixture, make sure that the product temperatures are between +10°C and +30°C. A component **FOX PURATHANE® SF TOPCOAT** contains pigment and filler. Stir A component product thoroughly with an electric mixer and a suitable mixing tip until you get a homogeneous colour and make sure that there is no product on the bottom and sides of the container. After adding the B component product to 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 TOPCOAT should be poured on the surface in equal amounts and at equal intervals and applied by brush, roller or spraying. Application should be done in two layers.

Cleaning of the Tools

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

Coverage

100–200 gr/m²

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.

Package

5 kg set

A component; 3,65 kg tin bucket

B component; 1,35 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. In 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.



Disclaimer

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