

INNO-FLOOR FOX PURATHANE® PRIMER 1K ALIPHATIC

Polyurethane Based, One Component, Solvent Based, Flexible, Waterproof, Low Viscosity, Aliphatic Primer

Description

FOX PURATHANE® PRIMER 1K ALIPHATIC is polyurethane based, one component, solvent based, waterproof, low viscosity aliphatic primer.

Fields of Application

- Concrete surfaces,
- Gloss and glazed surfaces,
- Lightly porous marble, ceramic, granite surfaces,

Advantages

- Cures fast.
- Can be applied in interiors and exteriors.
- Provides perfect adherence.
- Perfect chemical resistance.
- High splice strength.
- Flexible.
- Easy to apply.
- Liquid impermeable.
- Hydrophobic (water repellent) feature.
- Has UV resistance, does not go yellow.

Technical Features

Density	0,96 gr/cm ³
Colour	Transparent, Yellowish
Solids by %	56%
Dilution	No Dilution
Application Surface Temperature	+10°C / +25°C
Drying Time	10 minutes
Over coating Time	3 hours

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

Surface Quality

The sub-surfaces to be applied must be strong, clean, dry and free from all kinds of dirt, oil, grease, coating and surface curing materials etc. Joints and gaps should be filled with suitable materials before applying on ceramic, marble, granite. Moisture content of the surface should be maximum 4%, ground temperature should be minimum +8°C. In addition, it should be noted that the dew point of the ground is above +3°C.

Application Procedure

Substrate Preparation

Joints and gaps should be filled with suitable materials before applying on ceramic, marble, granite. Moisture content of the surface should be maximum 4%, ground temperature should be minimum +8°C. In addition, it should be noted that the dew point of the ground is above +3°C.

Application Conditions

- Application surface, material and ambient temperature should be between +10°C and 25°C.
- Moisture on the surface should be below 4%. Test method: C- Aquameter, CM-Device, Darr Method.
- There should be no rising humidity according to ASTM. (Polyethylene cover test). 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.

Mixing

FOX PURATHANE® PRIMER 1K ALIFATIC is ready to use as it is one-component.



Application

Apply **FOX PURATHANE® PRIMER 1K ALIFATIC** with roller, trowel or zero comb trowel. Make sure that the application is made on the whole surface without any gaps. After applying **FOX PURATHANE® PRIMER 1K ALIFATIC**, it is necessary to wait 24 hours before applying another coating.

Cleaning of the Tools

After the application, the tools and equipment used should be cleaned with solvent or polyurethane thinner. **FOX PURATHANE® PRIMER 1K ALIPATIC** can only be removed from the surface by mechanical methods after hardening.

Coverage

100-200 gr/m² (2 layers)

Watch Points

- 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 environment and ground temperature should be increased, and the packages should be prepared at +20/25°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.

Package

5 kg/tin

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, away from direct sunlight and 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.

Disclaimer

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