

## INNO- PROOF FOX PURMAX® MASTIC PRIMER 2K

**Epoxy Based, Two Component, Developed for FOX Purmax Series Mastics, Humid Surface Primer**

### Description

**FOX PURMAX® MASTIC PRIMER 2K** is an epoxy based, two component, moist surface primer developed for increasing the performance and adherence of concrete and steel surfaces before applying joint sealant.

### Fields of Application

- Before filling all kinds of horizontal-vertical dilation spaces for the purpose of insulation,
- Before filling of any expansion and large joints,
- On airport runways and aprons,
- In power plants,
- On highways, bridges and viaducts,
- Fuel storage tanks,
- Gas stations,
- Industrial floors subject to pedestrian and heavy vehicle traffic,
- Stadiums,
- Terraces and balconies,
- Filling the joints of irrigation channels,
- Used in horizontal gypsum, cement particle and OSB board panel joints.

### Advantages

- Provides excellent and long-term adhesion by increasing surface condition,
- Provides excellent adherence on submerged surfaces,
- Penetrates perfectly to the applied surfaces thanks to its low viscosity.
- It can be applied under + 10 ° C up to 100% relative humidity and completes its curing.
- Provides good corrosion protection on steel.
- High chemical and mechanical resistance,
- Despite its high mechanical properties, it is flexible and does not lose its flexibility over time,
- It is liquid and moisture impermeable,
- Does not contain solvent,
- Easily applied even in cold weather.

### Technical Features

Density		1,03 gr/cm <sup>3</sup>
Color		Transparent, Yellowish
Solids by %		100%
Dilution		No dilution
Application Surface Temperature		+5°C / +30°C
Vapor Permeability	ISO 7783-2	4,1 gr/m <sup>2</sup> day
Working Time		25 minutes



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

### Physical Features

Temperature	+10°C	+20°C	+30°C
Relative Humidity Ratio	%60	%60	%60
Pot Life	30 Minutes	25 Minutes	12 Minutes
Over Coating Time	Min. 24 - Max. 35 hours	Min. 12 - Max. 18 hours	Min. 7 - Max. 10 hours
Pedestrian Traffic	30 hours	15 hours	8 hours
Light Traffic	3 days	2 days	1 day
Fully Cures	7 days	7 days	7 days



## Application Procedure

### Substrate Preparation

Care should be taken to ensure that the inner and outer surfaces of the dilatation joints are solid, dry, bearing, dust-free and clean, as well as level and smooth. The surface should be thoroughly cleaned of any oil, grease, rust and paraffin residues that may weaken adherence and there should be no loose particles on the surface. Surface defects should be corrected with **FOX EPOMORTAR FC510**.

### Application Conditions

- Can be applied under +10°C.
- Relative humidity should be 100% maximum.
- Pay attention to dew and condensation!
- Condensation and dew of water vapor on an untreated or newly coated floor will damage the coating. To prevent this, the floor temperature must be above +3°C minimum.

### Watch Points in Application

Surface Temperature; Minimum +5°C - Maximum +30°C

Ambient Temperature; Minimum +5°C - Maximum +30°C

Material Temperature; Minimum +5°C - Maximum +30°C

### Mixing

Make sure that the product temperatures are between +15°C and +25°C before mixing. Mix A component **FOX PURMAX® MASTIC PRIMER 2K** with a suitable mixer for 1 minute without dragging air. Then pour the B component on the A component. Mix continuously for 2 minutes until a homogeneous mixture is obtained. Avoid over mixing to minimize air entrainment.

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

### Application

The outer edges of the joints whose surface preparation has been completed should be protected by adhering masking tape of appropriate width. Then, polyethylene roving should be used in the joint to prevent the mastic from adhering to the substrate and to make the mastic consumption suitable for the joint design. Polyethylene roving with a diameter of 5 mm wider than the joint width is compressed and placed into the joint. Depth of insertion should be half the width of the joint. Then, the concrete surfaces of the joint should be primed with **FOX PURMAX® MASTIC PRIMER 2K** using a suitable brush. No primer should be applied to the surface of polyethylene wick. When the primer is wet / dry, the material should not stick to the finger when the primer surface is touched with a finger, but there should be fingerprints on the primer surface. Mastic should be applied on surfaces primed with **FOX PURMAX® MASTIC PRIMER 2K** the next day. If this period has passed, primer application should be repeated.

### Cleaning of the Tools

Tools and equipment should be cleaned first with a paper towel and then wiped with solvent. Do not try to clean the used rollers and brushes, they cannot be used a second time.

### Watch Points

- **FOX PURMAX®** series linings may cause color fluctuations on granite, marble, natural stone and artificial composites due to their high penetration feature. For this reason, the primer should not overflow outside the joint during application.
- If the ambient and surface temperature during primer application is below +5°C or above +40°C, then suitable temperatures should be expected.

### Package

1.5 kg Set

1 kg plastic bottle

0.50 kg plastic bottle

### Shelf Life

Shelf life is 6 months from the date of production when stored properly between +5°C and +30°C at room temperature, away from direct sunlight.



### Storage

It should be stored in its unopened original package, in a cool and dry environment, protected from frost. For short term storage, maximum 2 palettes should be placed on top of each other and the shipment should be made on a first in, first out system. Palettes should not be stacked on top of each other during long term storage.

### 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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