

## INNO- PROOF

# FOX PURMAX® MASTIC PRIMER FP710

## Polyurethane Based, One Component, Fox Purmax Mastic and Polyurethane Mastic Primer

### Description

**FOX PURMAX® MASTIC PRIMER FP710** is polyurethane based, one component, cured with moisture in the air, low viscosity, transparent, deep penetrating liquid primer. It is specially designed to strengthen the adhesion of polyurethane products containing high solids percentage to porous substrates.

### Fields of Application

- Especially before polyurethane based dilatation sealant and polyurethane sealants such as **FOX PURMAX® MASTIC**,
- On surfaces such as concrete, porous concrete, brick, stone marble,
- It is used as primer on absorbent surfaces such as cement based plaster and gypsum plaster.

### Advantages

- Easy to apply.
- Resistant to freeze.
- Provides excellent and long-term adhesion by increasing surface condition.
- It provides excellent adherence on submerged surfaces.
- Excellent penetration into absorbent surfaces thanks to its low viscosity.
- It has elasticity to meet surface movements.

### Technical Details

Structure of the Material	Polyurethane, prepolymer solvent based
Density	0,98 gr/cm <sup>3</sup>
Colour	Transparent
Splice Strength	ASTM D 903 to concrete 2,2 N/mm <sup>2</sup>
Application Temperature	+5°C / +30°C
Drying Time	4-6 hours
Final Cure	4 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

#### Substrate Preparation

In dilatation joints, it should be paid attention that the inner and outer surfaces are strong, dry, carrier, dust-free and clean, at the same time, smooth and slick. The surface must be thoroughly cleaned from any oil, grease, rust and paraffin residues that will weaken adherence and loose particles must not be on the surface. Defects on the surface must be corrected with **FOX EPOMORTAR FC510**.

#### Application Conditions

- Can be used under +10°C.
- The relative air humidity should be 100% maximum.
- Pay attention to dew and condensation!
- Dew and water vapor condensation on the floor that has not been applied or newly coated 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





### Application

The outer edges of joints whose surface preparation has been completed should be protected by affixing appropriate width masking tape. Then, polyethylene wick should be used in order to prevent the sealant from sticking to the lower surface and to make the sealant consumption in accordance with the proposed joint design. Polyethylene wick with a diameter of 5 mm wider than the joint width is placed in the joint by compression. The insertion depth should be half the width of the joint. Then the concrete surfaces of the joint should be primed with **FOX PURMAX® MASTIC PRIMER FP710** using a suitable brush. Primer should not be applied on polyethylene wick surface. After the primer comes to wet / dry consistency (the material should not stick to the finger when the primer surface is touched with a finger, there should be a fingerprint on the primer surface), mastic application can be started. Sealant application must be made the next day on surfaces primed with **FOX PURMAX® MASTIC PRIMER FP 710**. If this period has passed, primer application should be repeated.

### Cleaning of the Tools

Tools and equipment should be cleaned with a paper towel and then wiped with solvent. Do not try to clean the rolls and brushes used, these materials cannot be used for a second time.

### Coverage

30 -100 gr/mlength

### Watch Points

- **FOX PURMAX®** series primers can create colour fluctuations on granite, marble, natural stone and artificial composites due to its high penetration property. For this reason, the primer should not be taken out of the joint during application.
- If the ambient and surface temperature in the primer application is below +5°C or above +40°C, suitable temperatures should be awaited.

### Package

1 litre plastic bottle

### 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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