

# FIXILON



SOLVENT BASED, SILANE AND SILOXANE REINFORCED, UV RESISTANT, TRANSPARENT SURFACE PROTECTION AND WATER REPELLENT AGENT

- High penetration strength yields hydrophobic properties
- Provides discoloration resistance
- Improves resistance against climate conditions and atmospheric gases

## DESCRIPTION

**FIXILON** is a silane and siloxane based, solvent diluted, low viscosity, transparent and ready to use surface protection and water repellent agent. It improves the impregnated surfaces hydrophobic properties and resistance against atmospheric gases.

## TYPICAL APPLICATIONS

- External applications,
- Water absorbing surfaces like decorative brick, autoclaved aerated concrete, natural and artificial stone,
- Marble and granite surfaces,
- On monument/historical structure surfaces as protection against atmospheric gases,
- Concrete and cement based surfaces,
- To protect concrete surfaces against corrosion caused by water, salt, chlorine and alkaline.

## ADVANTAGES

- Strong hydrophobic.
- Transparent; does not cause discoloration or deformation on the surface.
- Water vapor permeable, allows substrate to breathe.
- Improves resistance against climate conditions and atmospheric gases.
- Renders the surface dust-resistant and easy to clean.
- Long-lasting.
- Non-dusting.
- Economical and easy to use.

## TECHNICAL PROPERTIES

**Color:** Transparent

**Physical State:** Liquid

**Density:** 1.00 ± 0,05 g/cm<sup>3</sup>

**Application Temperature:** +10 °C to +35 °C

**Drying Time:** 4 to 5 hours

**Service Temperature:** -20 °C to +40 °C

**Water Absorption:** 0,020 kg / m<sup>2</sup> h<sup>1/2</sup>

**Full Cure Factor (EN 13579):** > 30% (Class I)

**Penetration Depth (EN 14630):** < 10 mm (Class II)

The values above are valid for 23 °C and 50% relative humidity.

### Reference Standards

In compliance with TS EN 1504-2

**Public Works Pos. No:** 04.472/3

## DIRECTIONS FOR USE

### SURFACE PREPARATION

- Application surface should be clean and free from dirt, oil, paint, loose particles and mortar/plaster residues.
- Repair cracks on the surface either with **CR MORTAR 205** or **CR MORTAR 510** depending on the dimensions of the crack.

### APPLICATION

- Apply with a brush, roller or spray until full surface saturation is achieved.
- For highly porous surfaces, allow the first layer to dry and then apply the second layer.
- Clean the application tools with a thinner.

### WATCHPOINTS

- Use without adding thinners. Do not mix with other chemicals.
- Allow air circulation in the application area.
- Keep away from fire.
- Use protection goggles and gloves at all times.

### CONSUMPTION

0.150 - 0.300 kg/m<sup>2</sup> depending on surface porosity

### PACKAGING

10 kg container

### STORAGE AND SHELF LIFE

Store in dry and cool locations. Shelf life is 12 months under suitable storage conditions. Avoid from direct sunlight and frost. Do not store below +4 °C.

### HEALTH AND SAFETY

As with all chemical products care should be taken during use and storage. Avoid contact with food, skin, clothes, eyes and mouth. If accidentally ingested seek immediate medical attention. In case of contact with skin or eyes, wash with a plenty of water and soap. Should be kept away from children. Reseal containers after use. Please consult Material Safety Data Sheet (MSDS) for further information.

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