

Teknosil

Solvent Based Siloxane Water Repellent Sealer



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Product Description

Siloxane based, transparent material that gives water repellent property by impregnating to the surfaces of building elements.

Areas of Usage

- In exterior cladding,
- Vertically on the surfaces,
- On surfaces with low absorption such as concrete, marble, granite, slate,
- In absorbent surfaces such as brick, colored briquette, gas concrete, traverten,
- It is used to protect historical works against atmospheric effects.

Features and Benefits

- Colorless, transparent impregnated material with high penetration.
- Protection without altering the appearance of the exterior coatings and causing a the film layer.
- By rendering the surfaces of building elements impermeable, the negative effects of the atmosphere are reduced.
- It is resistant to alkalis and UV.
- It is vapor permeable.
- Reduces heat loss and heating costs by keeping the building components dry.
- Contains solvent.

Application Instructions

The surfaces must be clean, smooth, solid, free from any antiadhesive substance such as dust, oil, dirt, rust, mold oil, detergent and waste. If there is segregation in concrete, it should be discarded and loose parts should be removed, weak parts should be removed. If there is crack, hollow on the floor or wall to be applied, it should be repaired with appropriate TEKNOREP repair mortars. TEKNOSIL should be applied 3-4 days later. The surface to be treated with TEKNOSIL must be dry. Ready to be applied, absolutely no foreign matter should be added. For maximum penetration in first coat applications, dry surfaces should be applied with suitable roll, brush or spraying machine. Approximately 4 hours later the application of the second coat should be started. In order to provide maximum protection, it may be necessary to apply one more coat on very porous surfaces. It must be protected after application against adverse weather conditions such as direct sunlight, high air temperature (above +35°C), rain and frost. The product should be cleaned thoroughly with water and detergent before it is fully cured and hardened. Immediately after application, before hardened, the equipment should be cleaned with TEKNO THINNER. After the product is hardened, it should be cleaned by mechanical methods.

Application Notes / Restrictions

- Compliance with work safety precautions. Use gloves, mask, glasses when using the product.
- Avoid contact with skin and pond. If not, consult a doctor.
- Do not apply to PVC and metal surfaces.
- Do not add water or foreign substances in the mixture.

Technical Data

General Information	
Appearance	Transparent Yellow
Package	10 liter tin
Shelf Life	12 months
Consumption	150-200 gr/m ²
Density (kg/lt)	0,80 ± 0,03
Drying Time	45 - 60 min.
Service Temperature	(-25°C) - (+80°C)

Technical data are approximate values obtained from the laboratory study of Tekno Construction Chemicals for finished products obtained at +20°C air temperature and 50% relative air humidity.

