

INNO-SEAL FOX WATERPROF® FS100

Acrylic Resin Based, UV Resistant, Ready to Use, Elastic Waterproofing

Definition

FOX WATERPROF® FS100, is an acrylic resin-based, one-component, UV-resistant, ready-to-use elastic waterproofing material that can be applied on roofs, terraces, streams and exteriors.

Fields of Application

- Outdoor, vertical and horizontal applications,
- On sloping terrace roofs,
- On balconies,
- Drippers, channels and flumes,
- On the edges of chimneys,
- Water insulation of eaves, gutters and drains,
- In concrete, zinc and precast streams,
- It is used on the exteriors of buildings.

Advantages

- It is single component, ready to use,
- It is easily applied with a brush,
- Does not create joints,
- Adapts to all kinds of surfaces,
- It is UV resistant,
- Maintains constant elasticity,
- Provides high adherence,
- Paste can be colored with pigments,
- Can be painted.
- Does not contain solvents,
- Resistant to freezing – thawing cycle.

Technical specifications

Structure of the Material	Modified acrylic resin
Density	1,32±0,02 kg/lt
Color	white
Consistency	Brush consistency
Applicable Surface Temperature	+5°C /+30°C
Service Temperature	-10°C /+120°C
Elasticity	150%
Surface Protection Duration	4-6 hour

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



Application Procedure

Surface preparation

The surface to be applied must be solid, free from any oil, grease, rust, paraffin, paint and bitumen residues that may prevent adhesion to the surface, and all loose parts must be cleaned and dry. Newly plastered (lime-free) and reinforced concrete surfaces should be expected to complete the 28-day curing period. On uneven surfaces, surface defects should be repaired with **FOX MORTAR FC188 T**, and 4 cm diameter chamfers should be made on corners and edges. Care should be taken to avoid water pooling on the insulation to be applied. Deep cracks. Must be charged with **FOX PURSEAL PS600**.

Mixing

FOX WATERPROF® FS100 should be mixed for 3-5 minutes with a 400-600 rpm electric mixer and appropriate mixing tip.

Application

Priming

The primer, prepared by adding 50% water to **FOX WATERPROF® FS100**, should be applied to the surface by brush, roller or spraying.



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Coating

After the primer dries, **FOX WATERPROF® FS100** should be applied to the surface by brush, roller or spraying to create a wet film thickness of 1.00-1.50 mm. After the 1st coat application, the fiber carrier insulation reinforcement mesh should be placed in the corner joints and cracks, and then the 2nd coat should be applied.

Coloring

FOX WATERPROF® FS100 is produced in white color. The paste can be colored with pigment at a rate not exceeding 5% of the material amount. **FOX WATERPROF® FS100** can be painted with acrylic-based exterior paint after drying.

Cleaning Application Tools

After application, the tools and equipment used should be cleaned with water. **FOX WATERPROF® FS100** can only be cleaned from the surface mechanically after hardening.

Consumption

0.20 kg/m² for primer

For 1 mm wet film thickness; 1.32±0.02 kg/m²

For 1 mm dry film thickness; 1.48±0.02 kg/m²

Matters to be taken into consideration

- **FOX WATERPROF® FS100** is not suitable for water tank, swimming pool and foundation insulation.
- The applied material should be protected from rain and frost for the first 24 hours.
- In applications, the thickness of each layer should not exceed 1.00-1.50 mm.
- Precautions should be taken on surfaces that need to be walked on.
- It should not be applied to wet and humid surfaces.
- Drying times between coats should be taken into consideration.

Packaging

4kg plastic bucket

18 kg plastic bucket

Shelf life

When stored correctly at room temperature, between +5°C and +30°C, away from direct sunlight, the shelf life is 12 months from the date of production. **FOX WATERPROF® FS100** freezes at temperatures below 0°C. Opened packages should be tightly closed and stored under appropriate storage conditions and used within a week.

Storage

It should be stored in its unopened original packaging, in a cool and dry environment, protected from frost. For short-term storage, a maximum of 3 pallets should be placed on top of each other and shipment should be made on a first-in, first-out system. For long-term storage, pallets should not be stacked on top of each other.

Security precautions

It is dangerous to approach storage and application areas with fire. Storage and application areas should be ventilated. During application, work clothes, protective gloves, glasses and masks in accordance with occupational and worker health rules should be used. It should not be contacted with skin or eyes during storage and application. In case of contact, it should be washed immediately with plenty of water and soap. If swallowed, a doctor should be consulted immediately. Food and beverage materials should not be brought into application areas. It should be stored in places inaccessible to children.

For detailed information, please refer to the Material Safety Data Sheet.

Disclaimer

The data contained in this technical document is based on our scientific and practical knowledge. SARTECH Yapı Malz. San. ve Tic. Ltd. Şti. is only responsible for the quality of the product. Our company cannot be held responsible for the consequences that may occur due to misuse and/or other than the written suggestions about where and how the product will be used. For detailed information, the safety data sheet and technical data sheet should be consulted or our company officials should be contacted.



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