

INNO- SEAL

FOX WATERPROF® FS100

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

Description

FOX WATERPROF® FS100 is an acrylic resin based, one component, UV resistant, ready to use elastic waterproofing material applied on roof, terrace, creek and exterior facades.

Fields of Application

- Outdoors, in vertical and horizontal applications,
- On sloping terraces,
- In balconies,
- Droppers, channels and canals,
- At the sides of the chimney,
- Waterproofing of canopies, gutters and drains,
- Concrete, zinc and precast,
- Used on the exterior facades of buildings.

Advantages

- One component, ready to use,
- Easy to apply with a brush,
- Joint less application,
- Adapts to all surfaces,
- UV resistant,
- Always maintains its elasticity,
- Perfectly adheres to any surface,
- Can be colored with pastry pigments,
- Can be painted,
- Solvent less,
- Resistant to freeze and thaw effects.

Technical Data

Structure of Material	Modified acrylic resin
Density	1,36 kg/lt
Color	White
Consistency	Brush consistency
Application Surface Temperature	+5°C / +25°C
Service Temperature	-20°C / +120°C
Elasticity	%150
Surface Protection Time	4-5 hours



The above values are given at +23°C for 50% relative humidity. Higher temperatures shorten the duration, lower temperatures extend the duration

Application Procedure

Preparation of the Substrate

The surface to be applied must be clean, free from any oil, grease, rust, paraffin, paint, bitumen residues that will prevent adhesion to the surface, all loose parts must be cleaned and dry. New plastered (non-calcined) and reinforced concrete surfaces should be expected to complete the 28-day curing period. Uneven surfaces should be repaired with **FOX MORTAR FC188 T**, chamfered to corners and edges with 4 cm diameter. Attention should be paid not to pond water on the insulation to be made. Deep cracks must be filled with **FOX PURSEAL PS 600**.

Mixing

FOX WATERPROF® FS100 should be mixed with an electric mixer of 400-600 rpm/min and suitable mixer tip for 3-5 minutes.



Application

Primer

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

Coating

After drying of the primer, **FOX WATERPROF® FS 100** should be applied to the surface by brush, roller or spraying to form a wet film thickness of 1,00-1,50 mm. Second coat should be applied to the corner joints and cracks after the first coat application, after the fiber reinforced insulation reinforcement mesh is placed.

Coloring

FOX WATERPROF® FS100 is produced in white color. It can be colored with pigment if it does not exceed 5% of the amount of material. **FOX WATERPROF® FS100** can be painted with acrylic based exterior paint after drying.

Cleaning of the Tools

Tools and equipment used after the application should be cleaned with water. **FOX WATERPROF® FS100** can only be removed from the surface mechanically after it hardens.

Coverage

For primer 0,20 kg/m²

For 1 mm wet film thickness; 1,36 kg/m²

For 1 mm dry film thickness; 1,48 kg/m²

Watch Points

- **FOX WATERPROF® FS100** is not suitable for water storage, swimming pool and foundation insulation.
- Applied material must be protected from rain and frost during the first 24 hours.
- In applications, each layer thickness should not exceed 1.00-1.50 mm.
- Precautions must be taken on surfaces that need to be walked on.
- It should not be applied to wet and moist surface.
- Drying times between layers must be observed.

Package

5 kg plastic bucket

20 kg plastic bucket

Shelf Life

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

Storage

Should be stored in its original package, in a cool and dry place protected from frost. In short-term storage, maximum 3 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, the material should not be contacted with the skin and eyes, if contacted, should be washed immediately with plenty of water and soap, and if swallowed, should be sought medical attention immediately. Foods and drinks should not be taken into the application areas. The material should be stored out of the reach of 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 Malzemeleri San. ve Tic. Ltd Şti. is only responsible for the quality of the product. From the results that may occur due to misuse and other than written suggestions about where and how to use the product, SARTECH Yapı Malzemeleri San. ve Tic. Ltd Şti. cannot be held responsible. The responsibility of the correct application of our product belongs to the user. Our company is only responsible for the quality of the product. This technical form is valid only till a new version is implemented and nullifies the old ones. Our company has the right to make changes in all kinds of information and content details in this catalog. It is imperative to check that the information in the catalog is current and valid. All rights reserved.

