

INNO- SEAL

FOX AQUAROOOF SR

WATERPROOFING & SOLAR REFLECTION & DIRT RESISTANT

High Solar Reflectance, Pollution Resistant, UV Resistant, Super Flexible Waterproofing



Description

FOX AQUAROOOF SR, elastomeric resin-based, fiber-reinforced, ready-to-use super flexible waterproofing material that provides energy savings by reducing the roof surface temperature, thanks to its high sunlight reflectivity, and has increased pollution resistance.

Usage Areas

- Outdoors, horizontal and vertical applications,
- On reinforced concrete terraces with wide spans,
- On sloping terrace roofs,
- It is used on existing slate membrane, ceramic, metal roof coverings.

Advantages

- Since it has a high SRI (Solar Reflective Index) value, it reflects the sun rays much more than a dark coating, reducing the solar heat absorption of the roof/terrace coating.
- It reduces the indoor temperature of the building and saves energy.
- It is water based.
- It has high resistance to contamination.
- It is UV resistant.
- Maintains its permanent elasticity and adapts to different surfaces,
- Provides high adherence,
- It is one component, easily applied with a roller,
- It does not create a joint.

Technical Data

Structure of Material		Modified elastomeric resin
Color		White
Density		1,30 gr/cm ³
Solid material ratio		%62,5
Shore A		75
Elongation at Break		≥%900
Adhesion Strength	EN 1542	≥1,35 N/mm ²
Water Vapor Permeability	EN ISO 7783-1	Class I: SD<5 m
Carbon Dioxide Permeability	EN 1062-6	>50 m
Capillary Water Absorption and Water Permeability	EN 1062-3	0,02 kg/m ² .h ^{0.5}
Solar Reflectance Index (SRI)	ASTM E1980	107
Reflecting Sunlight	ASTM E903	%85
Application Surface Temperature		+5°C /+35°C

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

Application Procedure

Surface Preparation

All surfaces to be applied must be sound, free of any oil, grease, rust, paraffin, paint, bitumen residues that may prevent adhesion to the surface, and all loose parts must be cleaned and dry. On uneven concrete surfaces, surface defects should be repaired with **FOX MORTAR FC188 T** or **FOX BASEMOR FC205** repair mortars. **FOX TRIPLETAPE 120** chamfer tape should be applied to corner joints. In the applications to be made on the slate membrane, if there are any raised areas on the membrane, they should be repaired and loose sand pieces should be removed from the surface before starting the application.



Mixing

FOX AQUAROOFF SR is ready to use, but it is recommended to mix once before use.

Primer

On Concrete Surfaces

Primer prepared by adding 10% water to **FOX AQUAROOFF SR** should be applied by roller or spraying.

On Glossy Surfaces like Metal, Ceramics

Before applying **FOX AQUAROOFF SR**, surfaces should be primed with **FOX UNIPRIMER FL555**.

Application

Approximately 5-6 hours after the primer coat (drying condition should be checked), **FOX AQUAROOFF SR** should be applied in 2 coats by roller or spraying. The approximate waiting time between floors is 8 hours.

Cleaning of Tools

Tools and equipment used after the application should be cleaned with water. **FOX AQUAROOFF SR** can only be mechanically cleaned from the surface after hardening.

Coverage

Primer; 0,20 kg/m²
1.layer; 1,00 kg/m²
2.layer; 1,00 kg/m²

Watch Points

- The applied material should be protected from frost for the first 24 hours.
- If there is a possibility of rain, the application is not made.
- It is resistant to light pedestrian traffic and should not be used in places with heavy traffic.
- It should not be applied on wet or damp surfaces.
- Attention should be paid to the drying times between coats.

Package

18 kg plastic bucket

Shelf Life

Shelf life is 12 months from the date of production when properly stored at room temperature, away from direct sunlight between +5°C and +30°C. **FOX AQUAROOFF SR** freezes at temperatures below 0°C. Opened packages should be kept tightly closed and stored under appropriate storage conditions and should be used within one week.

Storage

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

Safety Precautions

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

For detailed information, the Material Safety Data Sheet should be consulted.

Disclaimer

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