

INNO-PAINT

FOX MS BARRIER MOISTURE&MOLD

Mold and Dampness Covering Primer & Paint

Description

FOX MS BARRIER, is a solvent-based primer and paint material, reinforced with special polymers, designed to prevent problems caused by mold and dampness on interior and exterior walls.

Fields of Application

- On interior and exterior walls,
- In areas affected by mold and dampness,
- On stained surfaces,
- On painted or unpainted surfaces,
- On slightly wet or humid surfaces,
- On basement walls,
- On plaster, gypsum, concrete, and screed surfaces.

Advantages

- Ready to use.
- Forms a covering layer against mold, dampness, and stains.
- Adheres very well to surfaces even when the wall or paint is damp.
- Has high adhesion strength on all types of surfaces.
- Does not blister.
- Provides resistance to UV, rain, and salt.

Technical Properties

Density		1,34 gr/cm ³
Colour		White
Glossiness	EN 13300	G4 Deep Matte
Waiting Time Between Coats		24-48 hr

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

Application Procedure

Substrate Preparation

The surface to be treated must be solid and clean. Loose or blistered paint layers and weak plaster parts should be scraped off. Cracks and gaps should be repaired with repair mortar such as **FOX SLIM MORTAR FC105**. After cleaning the surface from dust and dirt, the product can be applied directly.

Mixing

Before use, **FOX MS BARRIER** must be mixed with an electric mixer at 400–600 rpm.

Dilution

FOX MS BARRIER should not be diluted; it must be used directly.

Application

FOX MS BARRIER can be used alone as a primer or together with a topcoat paint over the primer. It is applied to the surface using a roller. A brush is recommended for painting corners and edges.

When used as a primer:

Apply one coat of **FOX MS BARRIER** to the surface. If the surface is exposed to high humidity or mold formation, a second coat may be applied after 24 hours. When used as a primer, the product ensures high adhesion with the topcoat and activates its anti-mold effect.

If the surface is uneven, apply **FOX SILK MORTAR FC125** satin putty at least 24–48 hours after the primer application. After surface correction, wait at least 6 hours and apply **FOX PRIMERA® FL220** primer. Depending on ambient conditions, wait 24–48 hours before applying the paint. The paint used should be breathable — **FOX INOVA MATT or FOX INOVA SILAN** is recommended.

If the surface is smooth, the topcoat paint can be applied 24–48 hours after **FOX MS BARRIER** primer, depending on ambient conditions. Again, a breathable paint should be used — **FOX INOVA MATT or FOX INOVA SILAN** is recommended.



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When used as paint:

Apply **FOX MS BARRIER** as the first coat (primer).

If the surface is uneven, wait 24–48 hours after applying **FOX MS BARRIER** primer, then apply **FOX SILK MORTAR FC125** satin putty for surface correction. After the correction is complete, wait at least 6 hours and apply **FOX PRIMERA® FL220** primer. At least 6 hours after applying **FOX PRIMERA® FL220**, apply **FOX MS BARRIER** as the final topcoat paint.

If the surface is smooth, wait at least 24 hours after applying **FOX MS BARRIER** primer, then apply **FOX MS BARRIER** as the final topcoat.

Cleaning of Tools

Tools and equipment used during application should be cleaned with cellulosic thinner immediately after use.

Consumption

When used as primer only: approximately 0.110 L/m².

When used as both primer and paint (2 coats): approximately 0.165 L/m².

Exact consumption should be determined through tests depending on surface conditions.

Watch Points

- To avoid marks or overlaps, apply wet-on-wet in a single operation.
- Do not apply on exterior surfaces during rainy weather. During and after application, protect the surface from rain, water, mechanical impact, and all external factors for 24 hours.
- Always close the container lids tightly during breaks in use.
- Ensure good ventilation of the area during application. Use a mask, gloves, and protective goggles.
- Do not apply paint in extremely hot or cold conditions. (Recommended air and surface temperature: +5°C to +30°C.)

Package

1 L (1,34 kg) Bucket

2,5 L (3,35 kg) Bucket

Shelf Life

Unopened, it can be stored for 12 months in a cool, dry place, protected from frost and direct sunlight. Close the container immediately after use to prevent air ingress.

Storage

It should be stored in its unopened original packaging, in a cool and dry environment, protected from frost. For short-term storage, maximum 3 pallets should be stacked on top of each other and shipment should be made on a first-in, first-out basis. For long term storage, pallets should not be stacked 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, it should not be contacted with the skin and eyes, should be washed immediately with plenty of water and soap, and if swallowed, seek medical attention immediately. Food and drink materials should not be brought to the application areas. It 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. Fox Bau Yapı Kimyasalları A.Ş. 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.

