

INNO-PAINT

FOX DECODUR MAXIMA

Acrylic and Silicone-Based Exterior Paint

Description

FOX DECODUR MAXIMA is an acrylic-based, silicone-enhanced, highly water-repellent exterior paint for a wide variety of surfaces.

Fields of Application

- Thermal insulation systems (ETICS),
- Concrete, exposed concrete,
- Gas concrete, brick,
- Plaster and similar mineral surfaces,
- Chipboard and many other surfaces.
- Particularly suitable for the renovation of old load-bearing gas concrete cladding and gas concrete installation components.

Advantages

- Provides high water repellency thanks to its silicone additive.
- Has maximum water resistance and breathability.
- Can be applied to various surfaces.
- Provides a surface that is resistant to algae and mold growth thanks to its special additives.
- Is resistant to harsh outdoor conditions and is long-lasting.
- Adheres well to most facade surfaces.
- Alkali-resistant, so it does not saponify.

Technical Properties

Density		1.50 gr/cm ³
Particle Size	EN ISO 1524	S ₁ / S <100 µm
Dry Film Thickness	EN 1062-1	E ₂ / ≥ 50 ve <100 µm
Capillary Water Absorption	EN 1062-3	W ₃ / W ≤ 0,1 kg/(m ² h ^{1/2})
Water Vapor Permeability	EN ISO 7783-2	V ₂ / S _d <0.5 m
Gloss	EN ISO 2813	G3 (Mat) - Measurement Angle 85°, Requirement ≤10

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

Application Procedure

Substrate Preparation

The surface to be treated must be solid, dry, dust-free, and clean. There should be no loose particles on the surface; it must be free of any residues that could reduce adhesion, such as oil, grease, and dirt. In order to achieve a homogeneous color coating, the absorbency of the substrate must be uniform across the entire surface.

Priming

Old Mineral Plasters, Concrete

Lightly absorbent, smooth surfaces; with **FOX DECODUR PRIMER**,
Porous, absorbent, slightly sandy surfaces; with **FOX PRIMERA® FL220** or **FOX UNIPRIMER FL555**.

Old Matt Coatings

Moderately absorbent surfaces should be primed with **FOX DECODUR PRIMER** diluted with a maximum of 3% water,
Porous, absorbent, slightly sandy surfaces should be primed with **FOX PRIMERA® FL220** or **FOX UNIPRIMER FL555**.

Glossy and Water-Repellent (Hydrophobic) Surfaces

If necessary, the surface should be mechanically roughened. It should be primed with **FOX UNIPRIMER FL555**.

Load-Bearing Old-Coated Gas Concrete

After cleaning the surface, it should be primed with **FOX DECODUR PRIMER** or **FOX UNIPRIMER FL555**.

Mixing

FOX DECODUR MAXIMA must be mixed with an electric mixer at 400-600 rpm before use.



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FOX BAU YAPI KİMYASALLARI ANONİM ŞİRKETİ

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Thinning

FOX DECODUR MAXIMA can be thinned with up to 10% water. To avoid color differences, make sure all products are thinned in the same ratio.

Application

At least 6 hours after priming the surface, **FOX DECODUR MAXIMA** is diluted with water at a maximum ratio of 10% for the intermediate coat and 5% for the final coat, and applied using a suitable roller or spray machine. A brush is recommended for painting corners and edges. Depending on weather conditions, the second coat is applied using the same method approximately 6 hours later to complete the process. To prevent streaking, apply the coating in a single coat while it is still wet. Application should not be performed in rainy weather.

Drying Time

Drying time is directly related to air circulation, temperature, film thickness, and number of coats applied.

At 20 °C and 65% relative humidity, recoating can be done after approximately 6 hours. It dries completely after approximately 3 days. These times are longer at lower temperatures and higher humidity.

Cleaning of Tools

After use, tools and equipment should be cleaned with water. **FOX DECODUR MAXIMA** can only be removed from the surface mechanically after it has hardened. Store your tools in paint or under water between jobs.

Consumption

Approximately 200 ml/m² of product is consumed per application on smooth surfaces. This ratio is even higher on rough surfaces. The exact consumption amount should be determined by tests conducted based on surface conditions. To provide the best possible protection against algae and mold infestation, two coats must be applied, totaling at least 400 ml/m². The layer thickness should be at least 200 µm on average. Each additional coating with a consumption of at least 200 ml/m² increases the layer thickness by approximately 100 µm.

Watch Points

- To prevent streaks and smudges, wet-on-wet application should be performed in a single pass.
- Surfaces exposed to higher than normal moisture loads due to natural weathering are at increased risk of mold and mildew growth. **FOX DECODUR MAXIMA** film protection is additive. This film protection safeguards the material against infestation for an extended period, though its effectiveness depends on the object conditions, such as the severity of the infestation and moisture load. Therefore, permanent prevention of algae and mold infestation is not possible.
- In dark color tones, mechanical stress may cause light-colored lines (writing effect). This is a product-specific characteristic of all matte facade paints. On dense, cold surfaces or in cases where drying is delayed due to weather conditions, additives may form yellowish/transparent, slightly shiny, and sticky streaks on the coating surface due to exposure to moisture (rain, dew, fog). These auxiliary materials are water-soluble and will naturally dissipate with sufficient water, such as after a few heavy rainstorms.
- Do not apply on exterior surfaces in rainy weather. Protect surfaces from rain for 12 hours before and after paint application. In cool weather, this period should be extended to 48 hours.
- Always close the packaging lids when taking a break during the day.
- Adhere to the dilution ratios specified on the product label. Over-dilution of the product can cause coverage issues, roller marks, and unevenness. Under-dilution of the product can result in the risk of thick application. Thickly applied paint may crack.
- Always use material from the same batch number on large surfaces.

Package

10 L Bucket
12.5 L Bucket

Shelf Life

It can be stored for 3 years in its unopened packaging, in a cool, dry place, protected from frost and direct sunlight. Close the lid of the packaging immediately after use so that no air can enter.

Storage

It should be stored in its unopened original packaging, in a cool and dry environment, protected from freezing. For short-term storage, no more than 3 pallets should be stacked on top of each other, and shipments should be made using the first-in, first-out system. For long-term storage, pallets should not be stacked on top of each other.



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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.



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