

NESCOAT[®] BETOPRIME OPTIMA

Raw Concrete Primer

DESCRIPTION

NESCOAT[®] BETOPRIME OPTIMA is a water-based, acrylic resin-based primer for raw concrete surfaces. It is red in color, liquid in form, and offers excellent surface coverage.

APPLICATION AREAS

- Suitable for use in both interior and exterior applications.
- Used to roughen difficult-to-adhere surfaces like raw concrete, enabling better adhesion of plaster.
- On absorbent surfaces like aerated concrete, it reduces surface absorbency, ensuring better adhesion of plaster.

ADVANTAGES

- Creates a strong and roughened substrate that enhances adhesion.
- Balances surface absorbency, optimizing coating and plaster applications.
- Maintains a homogeneous structure within the bucket thanks to its formulation.
- Provides a durable and long-lasting solution.
- Easy to apply.

SURFACE PREPARATION

The substrate must be smooth, clean, dry, and robust enough to support subsequent applications. The surface should be free from dirt, dust, or any substances that could impede adhesion. On existing painted surfaces, flaking paint and plaster layers should be scraped off. If the surface has heavy dirt or dust, it should be cleaned using pressurized water. Newly plastered surfaces should be allowed to cure completely. Major cracks and surface irregularities should be repaired with NESCOAT repair mortars, and the surface should be leveled. Repaired areas should be harmonized with the existing surface using NESCOAT putties or suitable materials.

APPLICATION

To prepare **NESCOAT[®] BETOPRIME OPTIMA** for use, dilute with 30% water by volume. Apply the product in a single coat using a roller, brush, or spray method. Allow the surface to dry for at least 12 hours before proceeding with the coating application. After application, wash hands and tools thoroughly with plenty of water.

DRYING TIME

Surface drying time is 6 hours at 23°C and 50% relative humidity. Full drying time is 24 hours. Drying time shortens at higher temperatures and lengthens at lower temperatures.

CONSUMPTION

0.4 kg/m² (for one coat)

The specified consumption amounts may vary depending on the surface and application conditions. A sample application is recommended for accurate consumption measurement.

WARNINGS AND RECOMMENDATIONS

- During application and drying, the ambient temperature and surface temperature should be between +5°C and +35°C.
- Ensure that the product is not exposed to frost or precipitation until it is fully dry.
- Do not apply on wet surfaces or surfaces with ongoing moisture problems.
- Due to its textured structure, it is not suitable as a primer for interior or exterior paints requiring a smooth finish.

STORAGE AND SHELF LIFE

- Protect the product from direct sunlight and frost.
- Do not stack more than 4 buckets on top of each other.
- The shelf life is 2 years from the production date under proper storage conditions.
- Once opened, containers should be tightly sealed when not in use.

PACKAGING

20 kg and 12 kg plastic buckets.

SAFETY PRECAUTIONS

- Use appropriate protective equipment (clothing, gloves, goggles, mask) during application.
- In case of skin contact, wash the affected area thoroughly with water.
- For more detailed information, refer to the Material Safety Data Sheet.

QUALITY CERTIFICATES

- Complies with the ISO 9001:2015 quality management standard.



LEGAL DISCLAIMER

The information in this document is based on NESCAOT's laboratory tests and field experiences. NESCAOT is not responsible for any adverse outcomes resulting from the use of the product outside its intended purpose or if the above-mentioned conditions are not followed.