

## NESCOAT® ROOFCOAT ELASTOMERIC Waterproofing Material

### DESCRIPTION

**NESCOAT® ROOFCOAT ELASTOMERIC** is a one-component, ready-to-use, elastic waterproofing material based on elastomeric acrylic resin, classified as DMO1P.

### APPLICATION AREAS

- Used for waterproofing sloped roofs, providing protection against positive water pressure (applied to water-exposed surfaces).
- Suitable for use on concrete, plaster, cement-based screed floors, and cement-based prefabricated panels.
- Compatible with galvanized, zinc, aluminum, PVC, and sanded bitumen surfaces.
- Ideal for repairing capillary cracks on gutters, downspouts, chimney edges, and parapet corners.
- Applicable for waterproofing exterior facades.

### ADVANTAGES

- Quick and easy application.
- Provides a uniform and joint-free waterproofing layer.
- UV-resistant.
- Can be painted over with exterior paint.
- Bridges cracks even at very low temperatures due to its elastic structure.
- Offers high adhesion strength.
- Resistant to hot-cold cycles.

### SURFACE PREPARATION

The substrate must be smooth, clean, dry, and strong enough to support the subsequent application. Remove all contaminants such as dirt and dust that may hinder adhesion. Ensure the surface has a slope toward the drainage point to prevent water pooling (minimum 5%). Dampen concrete surfaces to avoid water accumulation. Repair cracks and uneven areas using NESCOAT repair mortars to ensure a level surface. Weak points such as corners and edges should be beveled (coved) with NESCOAT® repair mortars. If this is not feasible, apply **NESCOAT® SEALBAND Waterproofing Tape for Wall and Floor Joints** at these junctions. For priming, dilute the product with water at a 1:2 ratio or apply a single coat of **NESCOAT® PRIMECOAT**. Apply anti-corrosive primer to metal surfaces.

### APPLICATION

- The product is ready to use and should be mixed with a low-speed mixer until homogeneous.
- Apply the product to the surface using a brush, roller, or spray.
- Apply the second coat perpendicular to the first coat after at least 6 hours.
- Ensure the total dry film thickness is at least 1-1.5 mm.

### CURING TIME

The product gains mechanical strength 3 days after application and becomes waterproof 7 days after application. Curing time shortens at higher temperatures and lengthens at lower temperatures.

### CONSUMPTION

- 1.5-2 kg/m<sup>2</sup> (for 2 coats).

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, ambient and surface temperatures should be between +5°C and +35°C.
- After application, protect the product from rain and moisture until it is completely dry.
- This product is not suitable for areas with potential water pooling or for applications in water tanks and areas with constant water exposure.

## STORAGE AND SHELF LIFE

- Protect the product from direct sunlight and frost.
- The shelf life is 2 years from the production date under proper storage conditions.
- Seal opened containers tightly when not in use.

## PACKAGING

3 kg and 20 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.
- Complies with the TS EN 14891 building materials standard.
- CE marked, compliant with EU standards.



## TECHNICAL SPECIFICATIONS

Feature	Value
Appearance	White or Grey Liquid
Adhesion Strength	$\geq 1 \text{ N/mm}^2$
Crack Bridging (+20°C)	$\geq 2 \text{ N/mm}^2$
Crack Bridging (-5°C)	$\geq 1 \text{ N/mm}^2$
Capillary Water Absorption	$< 0.1 \text{ kg/m}^2\text{h}^{0.5}$
Elasticity	$\geq 400\%$
Temperature Resistance	-40°C / +80°C

\*The values mentioned above are valid for +23°C and 50% relative humidity.

## 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.