

## NESCOAT® WR STOP Waterproofing Material

### DESCRIPTION

**NESCOAT® WR STOP** is a cement-based, one-component, fast-setting waterproofing mortar. When applied to holes and cracks with active water leaks, it quickly sets to seal these areas and prevent water passage.

### APPLICATION AREAS

- Used to stop pressurized or seeping active water leaks on horizontal and vertical reinforced concrete surfaces in both indoor and outdoor settings.
- Suitable for preventing water leaks in underground and above-ground structural elements such as elevator shafts, foundations, basements, retaining walls, swimming pools, water tanks, and water channels.
- Ideal for sealing and repairing water leaks in tie rod holes of reinforced concrete structures.

### ADVANTAGES

- Rapidly sets to achieve water impermeability.
- Offers high adhesion strength.
- Compatible with all waterproofing materials applied afterward.
- One-component, prepared by simply mixing with water.
- Quick and easy to apply.

### SURFACE PREPARATION

- The substrate must be smooth, clean, moist, and strong enough to support the application.
- Remove any contaminants such as dirt or dust that could hinder adhesion.
- Cracks and holes with water leaks should be at least 2x2 cm in width and depth.
- If the surface is dry, it should be thoroughly wetted.

### MORTAR PREPARATION AND APPLICATION

#### As Mortar:

- In a clean container, mix approximately 0.25 liters of water with 1 kg of powder and knead it quickly by hand to achieve a putty-like consistency.
- Press the mortar firmly into the hole in one motion and hold for at least 30 seconds. Repeat this process until the product sets and stops the water leak.
- Once hardened, scrape off any excess material with a trowel. Fill any remaining gaps and level the surface.
- For larger openings, seal the perimeter first and gradually work toward the center, finishing by filling the center opening.

#### As Powder:

- Place a handful of powder directly over the leak and press firmly in one motion, holding it for at least 30 seconds. Repeat this process until the product sets and stops the water leak.
- Once hardened, scrape off any excess material with a trowel. Fill any remaining gaps and level the surface.
- Protective gloves must be worn during the application.

### SETTING TIME

- At 20°C, the product begins to set in 30 seconds and completes its setting within 60 seconds.
- Setting time shortens at higher temperatures and lengthens at lower temperatures.

### CONSUMPTION

- Approximately 2 kg is required to fill a 1-liter cavity.

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, the applied product should be kept moist for approximately 15 minutes. On dry surfaces, this duration should be extended to around 30 minutes.

## STORAGE AND SHELF LIFE

- Protect the product from moisture, heavy sunlight, and frost.
- Do not stack more than 4 buckets on top of each other.
- Shelf life is 12 months from the production date under proper storage conditions.
- Opened packages should be tightly sealed when not in use and consumed within one week.

## PACKAGING

- 5 kg plastic bucket

## 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	Grey Powder
Density	1.1 kg/L (±0.1)
Compressive Strength	≥ 25 N/mm <sup>2</sup>
Flexural Strength	≥ 3 N/mm <sup>2</sup>

\*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.