

NESCOAT® BETON 30

Ready-Mix Concrete

DESCRIPTION

NESCOAT® BETON 30 is a cement-based, ready-to-use concrete with a compressive strength class of C30, formulated with specially selected aggregates and additives.

APPLICATION AREAS

- Saves time and labor due to its ready-mix formula.
- Offers convenience in transportation and storage thanks to its packaged structure.
- Can be easily prepared in required amounts, minimizing waste.
- Provides high strength and durability.
- Allows applications up to a thickness of 30 cm.

ADVANTAGES

- Provides excellent durability due to fiber and polymer modification.
- Adheres firmly to the surface, preventing peeling or detachment.
- Flexible and highly resistant to cracking.
- Can be applied in a single layer up to 5-30 mm thickness.
- Can be leveled using a screed for large areas.

MORTAR PREPARATION

Gradually add 25 kg of **NESCOAT® REPCEMENT 30** to 2.5-3 liters of clean water and mix with a low-speed mixer for approximately 3 minutes until a lump-free consistency is achieved. If necessary, adjust the consistency by adding a small amount of water or product. The prepared mortar should be used within 1 hours. Do not add water or product to hardened material for reuse.

WARNINGS AND RECOMMENDATIONS

- The ambient temperature and surface temperature during application should be between +5 °C and +35 °C.
- After application, the product must be protected from rain and moisture caused by external factors until it sets.
- Avoid application if freezing weather conditions are expected within 3 days of application.

STORAGE AND SHELF LIFE

- The product should be protected from rain, moisture, intense sunlight, and frost.
- Do not stack more than 2 pallets on top of each other.
- The shelf life is 12 months from the date of manufacture under proper storage conditions.
- Opened packages should be tightly sealed and consumed within one week if not used immediately.
- Packaging: 25 kg kraft bag (PE reinforced)

SAFETY RULES

- Appropriate protective equipment (clothing, gloves, goggles, mask) should be used during application.
- In case of contact with the skin, the affected area should be washed with plenty of water.
- For more detailed information, please refer to the Material Safety Data Sheet (MSDS).

TECHNICAL SPECIFICATIONS

Feature	Value
Appearance	Grey Powder
Particle Size	D _{max} : 3 mm
Hardened Mortar Void Bulk Density	1800 ± 200 kg/m ³
Compressive Strength	≥ 30 N/mm ²
Flexural Strength	≥ 6 N/mm ²

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

LEGAL DISCLAIMER

The information in this document has been prepared based on NESCAOT's laboratory tests and field experience. NESCAOT is not responsible for any adverse outcomes resulting from the use of the product outside of its intended purpose or failure to comply with the conditions stated above.