

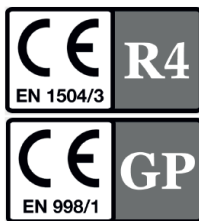
RENOVTIX

STRUCTURAL CEMENT MORTAR – THIXOTROPIC, ANTI-SHRINKAGE FOR RESTORATIONS, REPAIRS, AND RECONSTRUCTIONS



PRODUCT DESCRIPTION

RENOVTIX is a cementitious structural mortar with thixotropic properties, rheoplastic characteristics, composed of high-strength cements, super pozzolanic fillers, polymer modifiers, anti-shrinkage agents, plasticizers, stabilizers, anticorrosive agents, selected aggregates, and polypropylene fibers.



UNI EN 1504-3

Products and systems for the protection and repair of concrete structures - Structural and non-structural repair

UNI EN 998-1 (GP)

Mortars for internal and external plastering - Mortar for general purposes (GP)

APPLICATION AREAS

Designed for structural repairs, dimensional adjustments, consolidation, high-dimensional anchoring, forming and shielding works, etc., through pumped or cast-in-place applications.

CONSUMPTION

Approximately 19.50 kg per cm of thickness per m² (1950 kg/m³).

APPLICATION METHOD

Begin with clean, damp surfaces that are free from contaminants, dust, and loose or inconsistent parts. Achieving the right surface condition is critical for optimum performance. High-pressure hydro scarification is recommended for optimal adhesion. Expose rusted or oxidized reinforcement bars through sandblasting or abrasive brushing. Gradually add the product in clean mixer or drum, combine around 2/3 of the mixing water with RENOV TIX, and then add the remaining water gradually until you achieve a lump-free, homogeneous mixture. The mixing water should be approximately 16% of the bag's weight. For structural or monolithic applications with RENOV TIX, consider using suitable metallic reinforcement anchored to the substrate using the product. Avoid applying RENOV TIX in direct sunlight or strong winds and ensure prolonged humid curing of the finished surfaces. The recommended application temperature range is +5°C to +35°C.

HEALTH AND SAFETY

During the application, the ground should be protected from wind and direct sunlight. The indicated consumption amount is general information and may differ due to application conditions and surface features. Use gloves, mask, and glasses during the application. For further instructions on a safe use of the product please refer to MSDS.

STORAGE

The unopened package has a shelf life of 12 months from the date of manufacture when stored in a dry, cool place. It's important to protect it from frost to maintain its quality.

WARRANTY

If the product is found to be defective, Drykos liability is limited to replacing the product itself. As Drykos has no control over the use of the product by the user, the latter must ensure that the product is suitable for the intended use, assuming all risks and responsibilities related to it.

PACKAGING

25 kg bag

TECHNICAL SPECIFICATIONS

Appearance	Grey Powder
Max. aggregate diameter	1,5 mm
pH (for armor protection)	> 12
Water/binders ratio	< 0.37
Elasticity module (N/mm²)	26000
Carbonation resistance UNI EN 13295	0.5 mm
Mass Density UNI EN 1015-6	2220 kg/m ³
Bonding Strength UNI EN 1542	≥ 2 N/mm ²
Capillary absorption UNI EN 13057	0.30 kg·h ^{0.5} /m ²
Chloride content UNI EN 1015-17	< 0.01 %
Compressive Strength at 1 day	25 N/mm ²
Compressive Strength at 28 days	≥ 65 N/mm ²
Flexural Strength at 1 day	5 N/mm ²
Flexural Strength at 28 days	> 9.0 N/mm ²