

**FIBRE-REINFORCED MORTAR
FOR SEWAGE SYSTEMS
HIGH MECHANICAL STRENGTH**

736
**LANKOCRETE
RESEAUX**

R E P A I R I N G A N D G R O U T I N G

LANKO



CHARACTERISTICS

- **High mechanical strength.**
- **Fast hardening.**
- **Large thicknesses, up to 40 mm.**
- **Resistant to slight aggressive water (pH ≥ 6).**
- **Can be pumped over a long distance.**
- **Can be used for work at sea.**

COVERAGE

2 kg/m²/mm.

PACKAGING

- 30 kg bag.

STORAGE

1 year from date of manufacture if stored in unopened original packing in dry, frost-free conditions.

DESCRIPTION

736 LANKOCRETE RESEAUX is a ready-to-use mortar composed of special cement, selected particle size sand and synthetic fibres.

USES

- Coating of vaults and underground constructions (pipes, tunnels, oval drains, etc.).
- Reinforcement of sewerage systems.
- Rejointing of masonry structures.
- Restructuring of underground constructions.

SPECIFICATIONS

- Appearance : Grey powder
- Particle size : 0-4 mm
- Density : 2.1±0.05
- pH mortar : 12.5
- Pot life : 40 minutes at 20°C

Setting time⁽¹⁾

Initial setting	3 h 30
Final setting	4 h 30

(1)Plastic consistency, average laboratory values provided as a general guide.

Mechanical strength (MPa) at 28 days⁽²⁾

Period	24 hours	7 days	28 days
Compression	15	30	40
Bending	4	7	8

(2)Tests carried out on 4x4x16 samples, kept at 20°C and 90% humidity. Average laboratory values provided as a general guide.

WORK INSTRUCTIONS

Substrate preparation

- Substrates must be clean, sound and laitance-free.
- Substrates must be well-soaked but not running with water.

- On masonry, prick up non-adherent and low mechanical strength elements. Soak in order to remove dust and dampen the substrate.

Product preparation

- Machine-mix or hand-mix one 30 kg bag of 736 LANKOCRETE RESEAUX with 4.6±0.2 liters of clean water (i.e. 14.7-16% water content) for 3 minutes minimum until evenly distributed.
- No water must be added after mixing.

Application

- Spray onto the substrate using a flexible ø0-35 screw pump (P11 or similar) or piston pump (P38 or similar) or apply with trowel.
- Apply a coat in one or more layers up to a thickness of 40 mm (except for smooth concrete, see "Precautions").
- Apply one or more coats as required (after previous coat has stiffened).
- Redampen the surface when drying time is long.
- Weatherstrip masonry joints.
- For large surface areas, respect fractionation joints.
- 736 LANKOCRETE RESEAUX can be smoothed, floated or left as sprayed.
- As soon as the mortar begins to set, exposed surface should be protected from drying out by misting or by applying 361 LANCUR.

PRECAUTIONS

- On smooth concrete apply a rough-cast primer coat with 1 part 751 LANKOLATEX added to 2 parts mixing water.

The information provided in this document results from our knowledge of the products and our experience. On-site results may vary, in particular according to the product application methods adopted. Where application methods not representative test before using the products. The above-mentioned information in no way constitutes a warranty relative to the use of the products. Our general terms and conditions of sale shall prevail, in any event, on the information provided in this document. Prior to application, customers and users are requested to check that they have the latest version of this document.

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