



LANKO

736 SEWAGE SEAL



Repairing
and Grouting

FIBRE-REINFORCED MORTAR FOR SEWAGE SYSTEM



CHARACTERISTICS

- Thickness up to 40 mm.
- Compressive strength up to 40 MPa. (400 KSC).
- Fast setting.
- Resistant to seawater and aggressive water (pH > 4).
- Can be sprayed.
- Can be pumped over a long distance.

DESCRIPTION

A premixed cementitious mortar with synthetic fiber for sewage system.



Sewage



Road Repairing



Sea Water

USES

- Restructuring and coating of underground construction (pipe, tunnel, oval drain).
- Reinforcement of sewage system.
- Offshore Work.

PACKAGING

- 25 kg. bag.

STORAGE

- 1 year from date of manufacture if stored in unopened original packaging in dry condition.

WORK INSTRUCTIONS

Surface Preparation

1. Surface must be clean and without any trace of oil, laitance, curing compound or paint.
2. Damaged concrete must be removed for repairing application.

Product Preparation

1. Mix with power drill one LANKO 736 SEAL 25 kg. bag with 4-4.2 Litres of clean water for 3 minutes or until the product is evenly distribute.
2. Do not add water after mixing.

ISO 9001
ISO 14001
ORSAS 1000
BUREAU VERITAS
Certification



Application

1. Apply 1st layer up to a thickness of 40 mm., with a pump or trowel.
2. Apply one or more coats as required (after previous coat has set). Dampen the surface between applications.
3. When mortar begins to set, cure with curing compound (e.g. LANKO 361 CURE).

PRECAUTIONS

- Temperature range for use : 5°C to 35°C.
- Do not use a concrete vibrator.

SPECIFICATIONS

Particle Size, max.	:	0-4 mm.
Bulk Density (kg./L.)	:	1.1-1.2
Pot Life (min.)	:	120
Initial setting (min.)	:	210
Final setting (min.)	:	270

Tensile strength ASTM C190-bone (MPa)	Evaluation
1 day	> 1.5
3 days	> 2
7 days	> 2.5
28 days	> 3.5
Bonding at 28 Days-Adhesion (MPa)	Evaluation
EN 1542 initial bonding (7 days to concrete)	> 0.5
EN 1542 initial bonding (28 days to concrete)	> 0.75
Flexural Strength ASTM C348 (MPa)	Evaluation
1 Day	> 4
3 Days	> 5
7 Days	> 6
28 Days	> 7
Compressive Strength ASTM C109 (Pouring) (MPa)	Evaluation
1 Day	> 15
3 Days	> 30
7 Days	> 35
14 Days	> 45
28 Days	> 50
Compressive Strength ASTM C109 (Plastic) (MPa)	Evaluation
1 Day	> 15
3 Days	> 30
7 Days	> 35
14 days	> 45
28 Days	> 50



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