



# LANKO

# 739 SEWAGE RAPID



Repairing  
and Grouting

FAST SETTING FIBRE-REINFORCED AND ANTI-CORROSION  
PROTECTION MORTAR FOR SEWAGE SYSTEM



## CHARACTERISTICS

- Fast setting.
- Thickness up to 60 mm.
- High Compressive strength up to 550 KSC.
- Abrasion resistance.
- Resistant to seawater and aggressive water (pH > 6).

## DESCRIPTION

A premixed cementitious fibre mortar for sewage system.

## USES

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

## DOSAGE

Mixing	<b>LANKO 739 SEWAGE RAPID</b>	Aggregate 3/8"	Water (Litres)	Workable mortar
Pure mortar			2.7	12 Litres
Micro-concrete	1 bag 25 kg.	15 Litres	3.3	20 Litres



Thickness



Can Spray



Sewage



Fast Setting



Chemical Resistant

## 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 traces of oil, laitance or curing compound.
2. Cure the concrete with clean water.
3. Damp the surface for several hours prior to application.



## Product Preparation

1. Mix with power drill one LANKO 739 SEWAGE RAPID 25 kg. bag with 2.5–2.7 Litres of clean water until the product is evenly distributed.

## Application

1. Apply by using trowel and press firmly for better adhesion.
2. Can be used by spraying with thickness of 10 mm. to 60 mm.
3. Machine pipe should be greased with a slurry of aluminate cement milk before spraying.

## Micro-concrete Application

1. Micro-concrete should be used for a thickness higher than 50 mm.
2. Apply a primer coat by using 1 part of LANKO 739 SEWAGE RAPID with 1 part of clean water and 1 part of LANKO 751 LATEX.
3. Apply 1<sup>st</sup> coat with thickness not more than 100 mm.
4. Wait for 4-8 hours then dampen the surface and apply a finish coat with thickness of 20-60 mm. of pure mortar.

## Finishing

1. Smooth or float the surface before final setting.
2. Keep the surface from drying out by damping with LANKO 361 CURE.
3. Wait 24 hours before servicing.

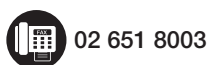
## SPECIFICATIONS

Bulk Density (kg./L)	: 2.2
pH	: 12.5
Initial setting (min.)	: 170
Final setting (min.)	: 230

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)	>1
Compressive Strength ASTM C109 (MPa)	Evaluation
1 Day	20
7 Days	40
28 Days	55

## PRECAUTIONS

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



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