



### PRODUCT FEATURES

- ▶ Treatment of fine cracks by injection
- ▶ Very high fluidity
- ▶ Very high mechanical strength

### REFERENCE DOCUMENT

- ▶ EDF/CEMTE test report CE/01004A

### PACKAGING

- ▶ 15 kg long storage bucket

### STORAGE

- ▶ 12 months from date of manufacture if stored in unopened original packaging in dry, frost-free conditions

### WARRANTY

- ▶ Manufacturer's liability

**TECHNICAL ASSISTANCE:** ParexGroup S.A. will, on request, provide information and assistance to companies in relation to the specific use of a product. Such assistance shall not be assimilated with structural design and conception, nor the compliance of substrates, nor as a control of usage rules in force.

#### TECHNICAL DATA SHEET ISSUED - September 2017

The information provided in this document results from our knowledge of the products and our experience. Prior to application, customers and users are requested to check that they are in possession of the latest version of this document. Please check for updates at [www.parexlanko.com](http://www.parexlanko.com)

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# PAREXLANKO

# 737 LANKOREP FISSURE



### DESCRIPTION

- Ready-to-mix powder formulated with special hydraulic binders.

### USES

- Injection into concrete cracks and under plates or loosened slabs.
- Regeneration of porous concrete, no-fines concrete and masonry structures.

### SPECIFICATIONS

- Active ingredients including hydraulic binders and synthetic fibres. No metal particles
- Grey ready-to-mix powder
- Particle size: 98.5% passing through 12  $\mu$  sieve
- Flow to Marsh cone ( $\phi$  8 mm):
  - Initial flow: 10 to 20 seconds
  - Flow after 60 min: 20 to 30 seconds
  - pH: 12

### PERFORMANCE CHARACTERISTICS

- Pot life: 120 min approx. at + 20°C
- Compliant with EN 1504-3 Class R2
- Setting time (1)

Temperature	+ 20°C
Initial setting	17 h - 20 h
Final setting	20 h - 22h

- Mechanical strength (2) (MPa)

Period	2 day	7 days	28 days
Flexural	5	7.5	9
Compressive	40	65	70

- Sand column injectability\*

- Into damp sand, in compliance with French Standard P18-891
- Time: < 4 min

\* Laboratory value provided as a general guide.

### INSTRUCTIONS

#### ■ SUBSTRATE PREPARATION

- Thoroughly clean the surface of the concrete.
- Position the injectors (grout or seal).
- Seal surface cracks with e.g. **224 LANKO PLUG**, **735 LANKOREP RAPIDE** or **770 LANKOREP FIN RAPIDE**.
- Dampen cracks in advance by injecting clean water.

#### ■ MORTAR PREPARATION

- Prepare the quantity of water required for making up the grout (i.e. 6.75 litres for 15 kg of **737 LANKOREP FISSURE**).
- Pour the powder into the water while mixing on fast speed (i.e. 1500-2500 rpm).
- Continue mixing for 3-4 minutes
- Leave to stand for 5 minutes before commencing application.

#### ■ MORTAR APPLICATION

- **737 LANKOREP FISSURE** must be applied with an injection pot (usual pressure = 0.5-1 bar).
- Injection pressure will vary according to the type of repair being performed (e.g. cracks, porous or no-fines concrete, filling gaps, etc.)
- Transparent flexible tubes should ideally be used to connect the injection pot to the injectors.
- Dosage / Yield

Quantity	1 x 15 kg bucket
Water	6.75 litres
Final volume	12 litres

(1) Average laboratory values provided as a general guide. (2) Tests carried out on 4 x 4 x 16 samples kept at 20°C and 90% humidity. Average laboratory values provided as a general guide.

### PRECAUTIONS

- Temperature range for use: + 5°C to + 35°C.
- A preliminary study of active cracks should be performed by the worksite manager.
- Refer to the Safety Data Sheet.