

LANKO



CHARACTERISTICS

- **Thin cracks injection**
- **width > 0.5 mm.**
- **High fluidity.**
- **High mechanical strength.**
- **Excellent adhesion to concrete.**
- **Excellent resistance to sea water and sulphated water.**

PACKAGING

- 15 kg bucket.

STORAGE

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

DESCRIPTION

737 INJECTION CEMENT SLURRY is a ready-to-mix powder formulated with special hydraulic binders and admixtures, chloride and metal particle free.

USES

- Injection into concrete cracks and under plates or slabs.
- Regeneration of porous and spongy concrete.
- Consolidation of masonry structures.

SPECIFICATIONS

- Appearance : Grey ready-to-wet powder.
- Particle size : 98.5% passing 12 µ sieve
- Marsh cone flow time
 - Initial time : 10-20 seconds
 - After 60 minutes : 20-30 seconds

Setting time at 20°C*

Initial setting	17-20 hours
Final setting	20-22 hours

Sand column injectability French standard P 18-891*

Damp sand	< 4 minutes
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* Average laboratory values provided as a general guide.

Compressive strength*

2 days	40 MPa
7 days	60 MPa
28 days	70 MPa

Tensile strength*

2 days	5 MPa
7 days	7 MPa
28 days	9 MPa

Tensile strength*

Damp substrate	6 MPa
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* Tests carried out on 4x4x16 samples, kept at +20°C and 90% humidity. Average laboratory values provided as a general guide.

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WORK INSTRUCTIONS

Substrate preparation

- Clean the surface of the concrete.
- Place injectors (grout or seal).
- Dampen the crack by injecting clean water.
- Seal cracks with special mortar (224 ERTOBLOC) or epoxy paste (532 UTAREP H 80 C).

Product preparation

- The slurry is made by mixing 15 kg of 737 INJECTION CEMENT SLURRY with 6.75 litres of water.
- Machine-mix on fast speed (1500-2500 rpm) for 3-4 minutes.
- Leave to stand for 5 minutes before application.

Application

- An injection pot is used for injecting the slurry.
- Injection pressure depends on the type of repair : cracks, porous concrete, gaps, etc.
- Transparent flexible tubes should be used to connect the injection pot to the injectors.

Dosage / Yield (W/C=0.45)

Powder	15 kg
Water	6.75 litres
Workable volume	12 litres

PRECAUTIONS

- Temperature range for use : 5°C - 35°C.
- Active cracks should be treated separately.



www.lanko.com.au
www.parexlanko.com

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