

718 LANKOROAD BLACK TT



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LES + PRODUIT

- ▶ With or without formwork
- ▶ Fibre-enriched - Thixotropic
- ▶ Fast hardening
- ▶ Approved for use by Orange S.A.

WATER DOSAGE

- ▶ 2.3 to 3 litres per 25 kg bag

REFERENCE DOCUMENTS

- ▶ Orange S.A. certification
- ▶ Egis test report for "severe frost resistance" in compliance with Standard NF P 18-424
- ▶ CE Performance Statement

DESCRIPTION

- Ready-to-mix shrinkage-compensating mortar composed of sand, fibres, gravel, special cement and admixtures.

USES

- Bedding and sealing of sight holes, manhole covers, trapdoor frames, valve boxes.
- Bedding and sealing of signposts and street furniture
- Selective repairs of e.g. pot holes and undercuts
- Occasional floor repairs (up to 1 m²).

SPECIFICATIONS

- **Active ingredients:** chloride-free hydraulic binders with no metal particles
- **Ready-to-mix powder**
- **Particle size:** 0-4 mm
- **Hardened product density:** 2.2
- **Pot life:** 15 min at + 20°C
- **pH:** 12
- **Adjustable rheology:** from firm to fluid consistency

Setting time ⁽¹⁾

Temperature	+ 5°C	+ 20°C	+ 30°C
Initial setting	15 min	15 min	10 min
Final setting	20 min	20 min	12 min

Chanical strength (MPa) ⁽²⁾

Period	1 h	2 h	1 day	7 days	28 days
Compressive	10	16	23	42	54
Flexural	2,5	3	4,5	5,5	6,5

Return to service ⁽¹⁾ as determined by SETRA

(French highway technical studies dept.)

Temperature	+ 5°C	+ 20°C	+ 35°C
T4 T5 (light traffic)	2 h	1 h	1 h
T3+ T3- (average traffic)	4 h	2 h	2 h
T0 T1 T2 (heavy traffic)	5 h	4 h	4 h

INSTRUCTIONS

■ SUBSTRATE PREPARATION

- Substrates must be clean, sound, cohesive, resistant and free of any loose or flaking parts.
- Remove all dust.
- Soak the substrate with water immediately prior to application.
- Remove all residual water.

■ MORTAR PREPARATION

- The mortar can be made up according to the desired rheological consistency, with a water dosage ranging from 2.3 litres for a firm consistency to 3 litres for a more fluid consistency.
- Mix **718 LANKOROAD BLACK TT** with clean water.
- The mortar may be mixed by hand but preferably a paddle mixer or cement mixer should be used.
- Owing to the product's reactivity, if a cement mixer is used, be sure to rinse the drum regularly to prevent the phenomenon of nucleation.
- Mixing time: 1 to 3 minutes, depending on ambient temperature.

■ SEALING A MANHOLE INSPECTION COVER

- Clear out using sharp vertical cuts.
- Clear down to the top of the access shaft or to a solid rim (removing old bed face).
- Remove any remaining dirt and loose particles.
- Remove all dust.
- Dampen the substrate thoroughly.
- Remove residual water.
- Insert formwork or casing.
- Lay bed face, position frame.
- Block by filling ring with **718 LANKOROAD BLACK TT**. Press down firmly.
- Level off **718 LANKOROAD BLACK TT** at road level.
- Smooth the grain of the bearing surface and finish with a float.

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PACKAGING

- ▶ 25 kg bag

STORAGE

- ▶ **6 months**

from date of manufacture if stored in unopened original packing in dry conditions

WARRANTY

- ▶ Manufacturer's liability

■ REPAIRS TO CONCRETE FLOORS (NON-INDUSTRIAL) AND CARRIAGEWAYS: MAXIMUM REPAIR SURFACE 1 M²

- A preliminary study must be carried out on cracked substrates.
- Mark the boundaries of the area to be repaired, preferably by sawing.
- Remove damaged material to leave a thickness of 2 cm with clean ridges and a rough surface.
- Loose particles must be raked out and all traces of grease and oil removed.
- Dust and rinse thoroughly.
- Fill the cleared area with water and soak for several hours.
- Remove all residual water.
- Make up **718 LANKOROAD BLACK TT** mortar as instructed.
- Apply the mortar and finish off with a float.
- The maximum surface area must not exceed 1 m², with a length/width ratio of less than 2.
- The mortar surface must immediately be treated with a protective coating (**742 LANKOCURING**).

Dosage / Yield

Quantity	1 x 25 kg bag
Water	2.3 to 3 litres
Final volume	12 litres

TECHNICAL SUPPORT: 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.

0 826 08 68 78 0.15 € per call
+ standard connection charge

DOCUMENTATION TECHNIQUE - July 2019

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 parexlanko.com.

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PRECAUTIONS

- Temperature range for use: + 5°C to + 35°C.
- Do not apply to a frozen or thawing substrate.
- Surfaces must be protected from air with **742 LANKOCURING** once setting starts.
- Do not add any other hydraulic binder or admixtures.
- Do not mix with other hydraulic binders.
- The fibre content does not preclude the need for reinforcement mesh if so prescribed.
- Refer to the Safety Data Sheet.