

BEDDING & SEALING

- BLACK, SHRINKAGE-COMPENSATING HIGHWAY MICRO-CONCRETE



1/2



PRODUCT FEATURES

- ▶ Fast-hardening
- ▶ Return to service in just 1 hour (T4 T5 traffic at + 20°C)
- ▶ Black - ideal for road surfaces

WATER DOSAGE

- ▶ 2.1 to 2.5 litres per 25 kg bag

REFERENCE DOCUMENT

- ▶ Orange S.A. certification

714 LANKOROAD SCELLFLASH BLACK

DESCRIPTION

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

USES

- Bedding and sealing of sight holes, manhole covers, trapdoor frames, valve boxes, telecom hatches, street furniture, signposts.
- Bedding and sealing of street furniture and signposts
- Selective repairs of e.g. pot holes and undercuts.

SPECIFICATIONS

- **Active ingredients:** chloride-free hydraulic binders with no metal particles.
- **Ready-to-mix powder**
- **Particle size:** 0-10 mm
- **Hardened product density:** 2.2
- **Pot life:** 10 min at + 20°C
- **pH:** 12
- **Adjustable rheology:** from plastic to fluid consistency

PERFORMANCE CHARACTERISTICS

Setting time (1)

Temperature	+ 5°C	+ 20°C	+ 30°C
Initial setting	20 min	15 min	9 min
Final setting	25 min	20 min	10 min

Mechanical strength (MPa) (2)

Period	1 h	2 h	1 day	7 days	28 days
Compressive	8	20	30	42	52

Return to service (1) as determined by SETRA

(French highway technical studies dept.)

Temperature	+ 5°C	+ 20°C	+ 30°C
T4 T5 (low traffic)	2 h	1 h	1 h
T3+ T3- (average traffic)	4 h	2 h	2 h
T0 T1 T2 (high 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.

■ PRODUCT PREPARATION

- The micro-concrete can be made up according to the desired rheological consistency, with a water dosage ranging from 2.1 litres for a plastic consistency to 2.5 litres for a more fluid consistency.
- Mix **714 LANKOROAD SCELLFLASH BLACK** with clean water.
- Mix by hand with a trough and trowel, with a drill mixer or a cement mixer.
- **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: 1-3 minutes depending on ambient temperature.

(1) Average laboratory values provided as a general guide.

(2) Tests carried out on 10 x 10 cubes, kept at 20°C and 90% humidity. Average laboratory values provided as a general guide.

714

LANKOROAD

SCCELLFLASH BLACK

2/2

PACKAGING

- ▶ 25 kg bag

STORAGE

- ▶ 9 months

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

WARRANTY

- ▶ Manufacturer's liability

■ 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 dust and thoroughly rinse the cleared-out area. Ensure that the surface is left damp.
- Remove any remaining dirt and loose particles.
- Remove residual water.
- Insert formwork (inner tube or pre-prepared casing).
- Lay bed face, position frame.
- Block by filling ring with **714 LANKOROAD SCCELLFLASH BLACK**. Press down firmly.
- Level off **714 LANKOROAD SCCELLFLASH BLACK** at road level.
- Smooth the grain of the bearing surface and finish with a float.

Dosage / Yield

Quantity	1 x 25 kg bag
Water	2.1 to 2.5 litres
Final volume	12 litres

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

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PRECAUTIONS

- Temperature range for use: + 5°C to + 35°C.
- Do not mix with other hydraulic binders.
- Sand and admixtures must not be added.
- Surfaces must be protected from drying out with **742 LANKOCURING** once setting starts.
- When bedding and sealing valve boxes, clear out a relatively large area around the box so as to ensure that the mortar provides an adequate coating.
- A mortar seal that is not deep or wide enough will prove to be too fragile.
- Refer to the Safety Data Sheet.