☐ SHRINKAGE-COMPENSATING ADHESIVE MORTAR FOR ROAD SURFACES

717 LANKOROAD BORDURES

Made in France

PRODUCT FEATURES

- Excellent bonding to concrete and asphalt
- Fast-hardening
- High mechanical strength

WATER DOSAGE

- 3.8 to 4.1 litres per 25 kg bag

CONSUMPTION

- 2 kg/m²/mm thickness, i.e. 2–3 kg per linear metre (including joint)

PACKAGING

- 25 kg bag

STORAGE

- **12 months** from date of manufacture if stored in unopened original packing in dry conditions

WARRANTY

- Manufacturer's liability

DESCRIPTION

- Ready-to-mix mortar composed of sand, special cements and admixtures.

USES

- Bonding to concrete and bituminous coatings: pavement/sidewalk kerbstones, street furniture, traffic islands, road signs, bollards.
- Roadside joints.

SPECIFICATIONS

- **Active ingredients**: hydraulic binders with no chloride or metal particles
- **Dark grey ready-to-mix powder**
- **Particle size**: 0-2 mm
- **Hardened product density**: 2
- **Pot-life**: 20 min at + 20°C

PERFORMANCE CHARACTERISTICS

Setting time (1)

Temperature	+ 5°C	+ 20°C	+ 30°C
Initial setting	1 h 30	25 min	20 min
Final setting	2 h 30	35 min	40 min

Mechanical strength (MPa) (2)

Period	2 h	5 h	1 day	7 days	28 days
Flexural	3	5,5	7	8	9
Compressive	15	30	47	60	70

Bond strength (MPa) (1)

Period	2 h	28 days
Bonding to concrete	1	> 2
Bonding to asphalt	> 0.7	> 2

Return to service (1) as determined by SETRA
(French highway technical studies dept.)

Temperature	+ 5°C	+ 20°C
Waiting time	4 h	1 h 30 to 2 h

INSTRUCTIONS

SUBSTRATE PREPARATION

- The bituminous coating and concrete must be sound, cohesive and clean.
- Soak substrate with water prior to application (not running with water).
- Remove all residual water.
- On a very closed or sealed substrate (e.g. surface treated concrete), use suitable machinery to prepare the surface for optimum bonding.
- All bituminuous coatings must be cleaned with high-pressure water within the 24-hours period preceding application.

MORTAR PREPARATION

- The mortar is made up by mixing **717 LANKOROAD BORDURES** with clean water.
- A micro-concrete can also be made up by adding 10 kg of 0/4 aggregates (7 litres approx.) per 25 kg bag of mortar.
- Mixing can be performed with a concrete mixer, manually in a trough with a trowel or with a slow speed drill mixer (300-500 rpm).
- Mixing time: 3 minutes approx until a smooth and even mixture is obtained.

KERB BONDING

- For high-traffic structures, prepare a troughed recess to prevent run-off.
- Apply a 10–20 mm mortar bed to the substrate, spreading firmly with a trowel to ensure effective bonding and a final thickness of 3–5 mm.
- Apply a coat of adhesive to the concrete element to be bonded.
- Position the concrete element and press firmly onto to the substrate.

Dosage / Yield

Mortar

Quantity	1 x 25 kg bag
Water	3.8 litres
Final volume	13 litres

Micro-concrete

0/4 aggregates	10 kg
Water	3.8 à 4.1 litres
Final volume	16 litres

(1) Average laboratory values provided as a general guide.
(2) Tests carried out on 4 x 4 x16 samples, kept at 20°C and 90% humidity. Average laboratory values provided as a general guide.

PRECAUTIONS

- Unaffected by frost.
- Store in dry, covered premises at a temperature between + 5°C and + 40°C.
- Does not melt at high temperatures.
- Does not adhere to tyres.
- If stored at cold temperatures, the strip may harden. Before use, store the strip in a warm environment to ensure maximum flexibility.
- Refer to the Safety Data Sheet.

PAREXGROUP S.A. 19 place de la Résistance - CS 50053
92445 Issy-les-Moulineaux Cedex - Tél. (33) 01 41 17 20 00
Technical information : 0 826 08 68 78 (0,15 €/min + phone call price)

PAREXLANKO