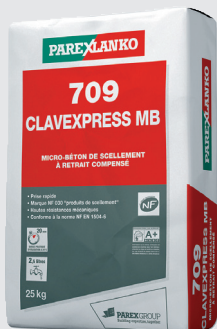


709 CLAVEXPRESS MB



1/2



PRODUCT FEATURES

- ▶ Fast-setting
- ▶ Shrinkage compensating
- ▶ NF 030 "Sealing products" label

WATER DOSAGE

- ▶ 2 to 2.5 litres per 25 kg bag

REFERENCE DOCUMENTS

- ▶ CE Performance Statement
 - ▶ Sealing product compliant with French Standard NF 030
- AFNOR CERTIFICATION
11, av. Francis de Pressensé
93571 SAINT DENIS LA PLAINE Cedex
www.marque-nf.com

DESCRIPTION

- Ready-to-mix micro-concrete composed of gravel, sand, special cement and additives.

USES

- Assembly of pre-fabricated concrete elements
- Grouting and keying of wide joints
- Creation of anchor blocks
- Creation of micropiles
- Lower caulking of bridge supports
- Sealing of industrial equipment, construction pillars, rebars and anchor bolts

SPECIFICATIONS

- **Active ingredients:** chloride-free hydraulic binder
- **Grey ready-to-mix powder**
- **Particle size:** 0-10 mm
- **Paste density:** 2.2
- **Pot life at + 20°C:** 20 min
- **Pull-out resistance after 7 days:** compliant with Standard EN 1881 (floor position)
- **Drill-hole diameter:** 40 mm
- **Anchoring depth:** 150 mm
- **HA steel bar:** Ø 16 mm
- **Displacement with traction of 75kN:** less than 0.6 mm
- **Maximum traction force:** 100 kN

Setting time (1)

Fluid consistency (bedding)

Temperature	+ 5°C	+ 20°C	+ 30°C
Initial setting	3 h	0 h 50	0 h 35
Final setting	5 h	1 h 05	0 h 45

Mechanical strength (MPa) (2)

Plastic consistency (sealing)

Period	1 day	7 days	28 days
Flexural	6	10	14
Compressive	35	60	75

INSTRUCTIONS

■ SUBSTRATE PREPARATION

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

■ PRODUCT PREPARATION

- The micro-concrete is made up by mixing **709 CLAVEXPRESS MB** with clean water.
- The quantity of water used for mixing will vary according to the desired consistency.
- For a fluid micro-concrete, a high-speed paddle mixer should be used, whereas a cement mixer is required to obtain a micro-concrete with a plastic consistency.
- Mixing time must never be less than 3 minutes (paddle mixer) or 5 minutes (cement mixer).

■ APPLICATION

- Clean out and dampen the area to be sealed.
- The rods or rebars to be sealed must be positioned in advance and held in place in order to prevent displacement when the micro-concrete is cast.
- **709 CLAVEXPRESS MB** is cast by pouring the mixture gradually but continuously into the pre-prepared sealing area.
- Foresee the need for a system for evacuating air and water when filling elements located in confined or immersed environments.
- As soon as the mortar begins to set, the exposed surface should be treated with a protective curing product (**742 LANKOCURING**).

709 CLAVEXPRESS MB

2/2

PACKAGING

- ▶ 25 kg bag
- ▶ 1 200 kg big bag

STORAGE

▶ 12 months

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

WARRANTY

- ▶ Manufacturer's liability

■ WATER DOSAGE / YIELD

- 709 CLAVEXPRESS MB is mixed with a quantity of water ranging from 2 to 2.5 litres per 25 kg bag, i.e. 8% to 10% water content.

Yield

Plastic consistency

(according to NF 030 «Sealing products» label)
709 CLAVEXPRESS MB

Quantity	1 x 25 kg bag
Water	2 litres
Final volume	11 litres

Fluid consistency

709 CLAVEXPRESS MB

Quantity	1 x 25 kg bag
Water	2.3 litres
Final volume	11.5 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

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

PRECAUTIONS

- Temperature range for use: + 5°C to + 30°C.
- Protect the surface from the air when setting begins with 742 LANKOCURING.
- The addition of hydraulic binder, aggregates or admixtures is strictly forbidden.
- Do not apply to a frozen or thawing substrate.
- Refer to the Safety Data Sheet.