

KRISTOFLEX K230

SEALING MORTAR



FLEXIBLE MICRO-MORTAR FOR WATERPROOFING

- ✔ Pool and reservoir sealing (civil engineering and building structures)
- ✔ Approved for potable water
- ✔ Can be applied manually or with mechanical equipment
- ✔ Compliant with the EN 1504-2 standard
- ✔ Available in white



PRODUCT INFORMATION

Consumption
3.5 to 4 kg/m²

Colours*

- Grey
- White

Storage
1 year in the original closed packaging not in contact with the ground, on dry, temperate and minimally ventilated premises.

Packaging

- 34 kg Pre-dosed kit:
- Component A: 25 kg bag of powder - 48 bag pallet
 - Component B: 9 kg container of liquid - 48 container pallet

	COMPONENT A	COMPONENT B	A + B MIX
Appearance	Grey powder	White liquid	White liquid
Density	1.2 (untamped powder)	1.03	1.8

SPECIFICATIONS AND PERFORMANCES

Composition: cements, mineral fillers, specific additives, dispersed resin
Grain size: 0.4mm

PERFORMANCE MEASURED AT +20°C*	
CO ₂ permeability	Sd > 50 m
Water vapour permeability	Class I Sd < 5 m
Adhesion to cellular concrete masonry	> 0.5 MPa Breakage in the substrate
Capillary absorption	w < 0.1 kg/m ² /h ^{0.5}
Adherence to concrete	1.0 MPa
Resistance to instant cracking (NF P 84-402) at +23°C:	
Not reinforced	2 mm
Reinforced	3 mm

* These values were measured in laboratory conditions, they may be taken from statistical data or occasional tests and are given as an indication only.

* KRISTOFLEX is not a decorative product.

FIELD OF USE

Purpose

- Concrete repairs (with or without reinforcement).
- Crack bridging (with reinforcement).
- Wall / invert connection (with reinforcement).
- Waterproofing of basins and reservoirs: contact us.
- Waterproofing of concrete piping, manholes and pits.
- Waterproofing of cellular concrete masonry prior to bonded installation of terracotta facing tiles.

Authorised bases

- Reinforced concrete.
- Rendered masonry.
- Cellular concrete masonry (contact us).

Prohibited uses

- Contact with solutions with a pH < 6.

APPLICATION

Reference documents

- CCT **KRISTOFLEX** "Flexible waterproofing system for reservoirs, water towers and pools"
- CLP n° 23 CLP LY 002 and n° 18 CLP LY 041 issued by CARSO Certificate of conformity with positive lists (contact with potable water). Compliant with the NF EN 1504-2. standard Principle 1.3
- "Bonded installation of facing panels on cellular concrete masonry" specifications

Application conditions

- Application temperature: +5°C to +30°C.
- The relative humidity must be between 50 and 70 %.
- Do not apply to a frozen base or if there is any risk of freezing in the hours after application.

Precautions for use

In order to protect your health and the environment, and for the safe use of this product, follow the precautionary advice that is featured on the packing label.

You can find the safety instructions for this product on the Safety Data Sheet (SDS) available on quickfds.com.

Base preparation

- The base must be clean, in good condition, hard and cohesive. All parts that may prevent adherence must be removed (for example: removal oil, curing products, etc.).
- Repair honeycombing and holes using **RÉPATECH R4** fibre-reinforced mortar first (see technical data sheet).
- Treat cracks using **KRIMASTIC** elastic cement mastic (see technical data sheet).
- Wet before application.

Product preparation

- Mix all the powder and liquid using an electric mixer.
- Leave to rest for 2 min.
- Mix again before applying.

Application

WORKABLE TIME AT 20°C	
Time the mix can be used	2 hours
Time between applications	8 hours
Time before re-immersion	14 days

- **For the waterproofing of reservoirs and pools:**
Contact us in all cases.
- For the treatment of special points on concrete structures (concrete repairs, cracks, etc.) with **1M GLASS FABRIC**:
Apply a 1st coat of 1.5 to 2kg/m² with a brush, overlapping 15 cm on either side of the special point to be treated. On top of this fresh film, roll out the **1 M GLASS FABRIC** and press it down using a brush or smoother. Leave to dry for at least 8 hours (at +20°C)
Apply a 2nd coat (on top of the 1st without re-wetting) as described for the 1st coat above.
- For the treatment of special points on concrete structures (concrete repairs, cracks, etc.) without **1 M GLASS FABRIC**:
Apply a 1st coat of 1.5 to 2kg/m² with a brush, overlapping 15 cm on either side of the special point to be treated. Leave to dry for at least 8 hours (at +20°C)
Apply a 2nd coat (on top of the 1st without re-wetting) as described for the 1st coat above.
- **For the waterproofing of cellular concrete masonry before bonding facing tiles: contact us.**
- Clean the tools with water while the product is fresh.