

K-PLUG

NON-SHRINK PLUGGING MORTAR



DESCRIPTION

K-PLUG is a special non-shrink plugging mortar designed to instantly stop flowing water through cracks, holes and voids in concrete. Based on crystalline technology, K-PLUG rapidly hardens, blocking water leakage even under high hydrostatic pressure.

FIELDS OF APPLICATION

- Concrete pipes;
- Concrete walls;
- Concrete manholes;
- Concrete tanks;
- Pipe penetrations;

PRODUCT DATAS

Component system	One-component
Appearance	Powder
Specific gravity	1.25 kg/L
Dry residue	100%
Pot life	20 minutes

CONSUMPTION

Approx. 1.0 kg per cavity of approx. 10 × 5 × 3 cm

COLOURS

- Brown

PACKAGING

- 25 kg bags

TECHNICAL DATA

Parameter	Result
pH	13
Water pressure resistance (7 days)	50 MPa
Setting time	1 minute

APPLICATION

SUBSTRATE PREPARATION

The substrate must be dry, clean, sound and free from contaminants.

PRODUCT PREPARATION

One-component product to be mixed with clean water (4 parts powder / 1 part water) until a putty-like consistency is obtained.

PRODUCT APPLICATION

Manually shape the product into a compact mass, place it into the cavity and press firmly until complete setting (approx. 1 minute).



Date 15/10/2025

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WARNINGS

- Apply within 1 minute after mixing;
- Do not apply at temperatures below 0°C;
- Ensure the substrate is free from water-repellent treatments;

HEALTH AND SAFETY

Refer to the latest Safety Data Sheet for instructions on handling, storage and disposal. Do not release product or empty containers into the environment.

For PROFESSIONAL USE ONLY.

LEGAL NOTICE

The information and recommendations given above, although they correspond to our best experience, must in any case be considered purely indicative and must be confirmed by exhaustive practical applications. Therefore, before using the product, anyone who intends to make use of it must determine whether it is or is not suitable for the intended application and, in any case, assumes all responsibility that may arise from its use. Always refer to the latest updated version of the technical data sheet, available on the website btechitalia.eu.



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PRODUCT SHEET