

Technical Information Sheet Article No. 0476

Injection Paste 2K

Cement suspension for injecting cracks and hollow spaces.

Cement suspension for filling.

Component A: Injection liquid – Art. No. 0475

Component B: Ultra fine, factory mixed hydraulic hardening binder (powder) with high sulphate resistance – Art. No. 0476

Range of use

To be used in dry, damp, wet, underwater and underground areas:

- For injecting cracks and hollow spaces in concrete, mortar, masonry work, natural stone masonry work.
- For strengthening and repairs of building underpinnings in the subsoil and for injection in rock and concrete for the restoration of dam masonry as well as for building repairs.
- For filling crushed brick concrete.

Property profile

Injection Paste 2K has very good flow properties, does not separate, achieves great penetration depth even in the finest cracks, adhesional coupled bonding to the surrounding concrete or stone. Injection Paste 2K does not contain any substances that promote corrosion on reinforcement steel. It hardens hydraulically and shows early strength in connection with good adhesion capacity. Hardened Injection Paste 2K is water impermeable as well as water, weather and frost resistant.

Characteristic data of the product in the packaged state

Component A (injection liquid)	
Gross density:	~ 1.1 kg/dm ³
Component B (powder)	
Bulk density according to DIN 1060:	~ 1.0 kg/dm ³
Colour:	grey
Quality control:	Composition and quality
Gross density of the suspension:	~ 1.7 kg/dm ³
Air content:	~ 1% by volume
Compressive strengths:	after 7 days > 5 N/mm ² after 28 days > 20 N/mm ²

Working

Both components are packaged ready to use. Component B is found in a canister inside the bucket. The injection liquid (A) is added to the binder (B) and mixed with a colloidal mixer (a drill with mixing paddle will suffice if necessary) at high speed until a flowing capable mortar is produced. The injection paste is then immediately injected or filled. Spiral pumps with automatic pressure control or diaphragm pumps are suitable injection equipment. Borehole or adhesive packers are used as filling nozzles. Please observe: Working temperature should be at least 5°C, do not use on frozen substrates. Lower temperatures lengthen, higher temperatures reduce setting time. Do not mix

Injection Paste 2K with other materials.

Notes

Observe the usual trade rules in keeping with the latest technological developments.

Tools and Cleaning

Drill, mixing paddle, special mixing equipment (e.g. the beba Cement Paste Mixer made by beba, 49632 Essen i.O.), buckets, injection equipment, packers (e.g. from Desoi-Packer und Geräte, 36148 Kalbach or Polyplan-Packer und Pumpen, 22439 Hamburg). Clean tools with water while the material is fresh.

Packaging, application rate, shelf-life

Packaging:

10 kg plastic canister contains
3.5 kg injection liquid (A) and
6.5 kg injection binder (B)

Application rate:

Approx. 1.8 kg/litre cavity volume.

Shelf-life:

At least 12 months in closed,
unmixed, original containers stored
cool but frost-free

Safety, ecology, disposal

Further information concerning
safety during transport, storage
and handling as well as for
disposal is found in the latest
Safety Data Sheet.

The statements above are compiled from our field of
production and according to the latest technological
developments and application techniques.

Since application and working are beyond our control, no
liability of the producer can be derived from the contents of
this information sheet. Any statements made beyond the
contents of this information must be confirmed in writing
by the producer.

In all cases, our general conditions of sale are valid.
With the publication of this Technical Information Sheet all
previous editions are no longer valid.

0476-TI-11.06



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