



## ICS 2K

### - Injection Paste 2K -

Ultra-fine, two-component injection paste

Colour	Availability
	Quantity per pallet
	<b>Size / Quantity</b> <b>10 kg</b>
	Type of container Plastic bucket
	Container code 11
	<b>Art. no.</b>
grey	0476 ■

Application rate Approx. 1.7 kg/l void



#### Range of use



- Dry, damp, wet, underwater and underground areas
- Injection into cracks in concrete
- Filling cracks and cavities
- Strengthening in the subsoil

#### Property profile

- Low viscosity (very good flow properties)
- Low shrinkage
- High sulphate resistance and low active alkali content (SR/NA)
- High early strength
- Water impermeable
- Freeze/thaw-resistant

#### Characteristic data of the product

Composition	Art. 0475: injection fluid Art. 0476: ultra-fine, factory-mixed, hydraulically hardening binder (powder) with high sulphate resistance
Compressive strength	After 7 days: > 5.0 N/mm <sup>2</sup> After 28 days: > 20 N/mm <sup>2</sup> (M20)
Flexural tensile strength (28 days)	Approx. 2.0 N/mm <sup>2</sup>
Maximum grain size	< 0.02 mm
Initial setting (20 °C)	> 8 hours
Final set (20 °C)	> 10 hours
Bulk density of fresh mortar	Approx. 1.7 kg/l
Air void content	Approx. 1 vol.-%

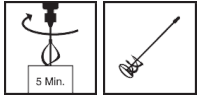
The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

#### Preparation

- Substrate requirements  
Drilling channel must be free of drill dust.
- Substrate preparation  
**Strengthening hollow masonry**  
Creation of drill holes: diameter 18 - 30 mm, angle of inclination approx. 45°, hole depth up to max. 5 cm from end of wall.

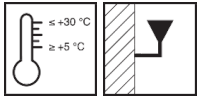


#### Production of the mixture



- **Mixing**  
Add the binder (B) to the injection fluid (A) and mix with a colloidal mixer (a drill with mixing paddle will suffice if necessary) at high speed for approx. 5 minutes until a flowable mortar is produced.

#### Directions



- **Conditions for use**  
Low temperatures increase, while high temperatures decrease the working and setting time.  
Temperature of the material, air and substrate: from min. +5 °C to max. +30 °C.

- **Working time (+20 °C)**  
Approx. 20 - 30 minutes

Pressureless, via funnel.  
Inject using suitable injection equipment and injection packers.

#### Tips on use

Do not mix with other products.  
The flowability of mortar that has begun hardening within the processing time can be restored by mixing the mortar again.

#### Notes

Do not use on gypsum-based substrates.  
The characteristic data of the product were calculated under laboratory conditions at 20°C and 65% relative humidity.  
Deviations from applicable regulations must be agreed separately.  
The relevant test certificates must be observed when planning and carrying out work.

#### Tools / Cleaning



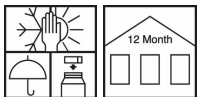
Mixer, injection device, packers (e.g. Desoi packers and equipment or Polyplan packers and pumps)

Clean tools with water while the material is still fresh.

Remmers tools

- [Lamellenschlagpacker \(4526\)](#)
- [Setzwerkzeug \(4523\)](#)
- [Verschlussstück \(4522\)](#)
- [Klebepacker \(4525\)](#)
- [Klebfix \(4534\)](#)

#### Storage / Shelf life



If stored in an unopened container and in a dry place, the product will keep for approx. 12 months.

#### Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

#### Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.