



// Technical Data

Viscosity at + 25 °C	approx. 300 mPa·s
Volume increase	max. 1 : 30
Ideal processing temperature	+ 15 °C
Density of the mixture at + 20 °C	approx. 1.1 kg / l
Density of the fully reacted foam	approx. 0.1 g / cm ³
Starting time at + 20 °C	approx. 30 seconds
Reaction time at + 20 °C	approx. 60 seconds
Tack-free after	approx. 2 minutes

Packaging: 5 kg canister

Consumption: Approx. 0.1 kg / l cavity



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DEUTSCHE BAUCHEMIE



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KÖSTER IN 8

For single and multiple injection of leaking cracks and joints



Single component – can be directly processed

Reacts immediately on contact with water

For waterproofing even against flowing water



// Processing



1. before starting



2. packer holes drilled



3. Injection KÖSTER IN 8



4. finished area

KÖSTER IN 8 is ready to use and can be processed with conventional one-component injection pumps such as the KÖSTER 1C injection pump.

Before injection, the cracks are sealed with KÖSTER KB-Fix 5 or other KÖSTER mortar. Along the course of the crack, holes are drilled alternately at a distance of approx. 10 – 15 cm, filled with packers and progressively injected in one or more stages from bottom to top (in at least two injection stages). The multi-stage injection is recommended in case of heavy water pressure.

KÖSTER IN 8 does not require a re-injection with KÖSTER Solid Resins. The borehole diameter depends on the injection packers used.

After removing the injection packers, the drill holes are closed with KÖSTER KB-Fix 5.

Important properties at a glance:

- Single component
- Water-reactive polyurethane pre-polymer
- only reacts in contact with water
- spontaneously forms a firm, tough-elastic, water proof polyurethane foam
- is able to follow crack movements and waterproofs permanently without post-injection with a solid-body resin
- 30-fold increase in volume
- Resistant to hydrolysis

// Areas of application

For single or multi-stage waterproofing injection of water-bearing cracks in concrete and masonry with the pressure injection process without post-injection with a solid resin.

// Related products

KÖSTER Injection Barrier	Art.-Nr. IN 501 025
KÖSTER PUR Cleaner	Art.-Nr. IN 900 010
KÖSTER Impact Packer 12 mm x 70 mm	Art.-Nr. IN 903 001
KÖSTER Superpacker 13 mm x 115 mm	Art.-Nr. IN 915 001
KÖSTER One-Day-Sitepacker 13 mm x 120 mm	Art.-Nr. IN 922 001
KÖSTER 1C Injection Pump	Art.-Nr. IN 929 001
KÖSTER Hand Pump without Manometer	Art.-Nr. IN 953 001
KÖSTER Hand Pump with Manometer	Art.-Nr. IN 953 002

// Foam expansion inside construction member



Begin



after 7 Sec.



after 30 Sec.



after 45 Sec.