



## KÖSTER Injection Pumps



The application of KÖSTER Injection Systems requires professional equipment. The KÖSTER BAUCHEMIE AG offers a one stop shop – professional injection materials and professional equipment:



### KÖSTER 1C Injection Pump

For injecting cracks and voids. It is suitable for the injection of all KÖSTER injection materials, (foams and resins). Operating pressure can be adjusted from 0–200 bar.



### KÖSTER Hand Pump with or without manometer

For small injection projects or areas which are difficult to access. Operating pressure 10 bar max., output approx. 2 cm<sup>3</sup> per pass.



### KÖSTER Acrylic Gel Pump

Pneumatic pump made of stainless steel for the application of KÖSTER Injection Gel G4 and S4. Capacity: Max. 11 ltrs. per minute. Working pressure: 15–220 bar.



## KÖSTER at your service – worldwide.



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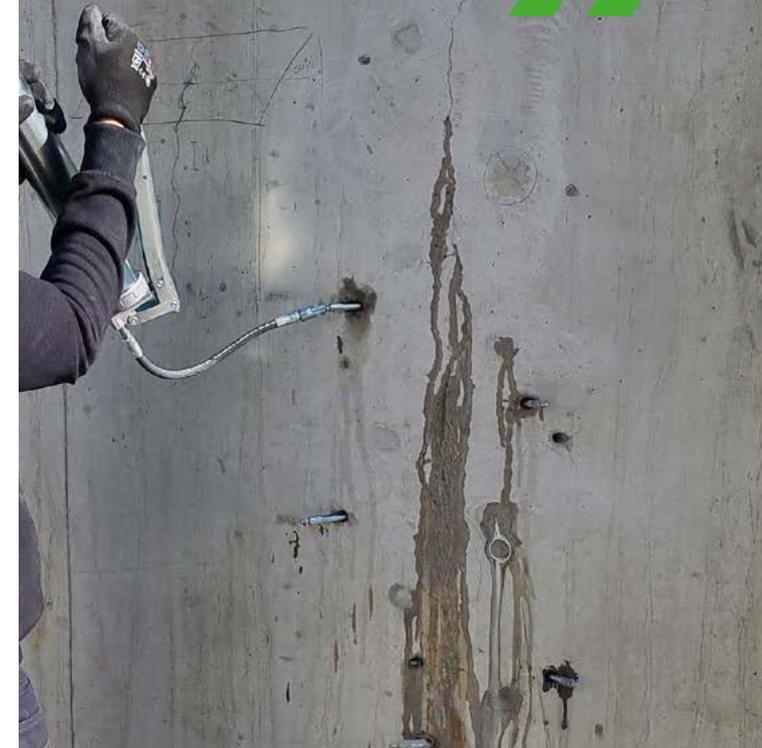
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## KÖSTER Injection Systems



Waterproofing of active leakages

Structural repair

Elastic waterproofing of cracks and joints

Filling of voids and soil solidification

Waterproofing by curtain injection

## Stop water and seals cracks elastically

**Allrounder: Two products in one: KÖSTER 2 IN 1**  
KÖSTER 2 IN 1 is a unique CE and EN 1504 certified product which combines the functionality of a foam resin and KÖSTER IN 2 in one product. In dry cracks it forms a resin, in wet cracks a water displacing foam. This saves time and logistics on the construction site.

### Fast elastic waterproofing against water: KÖSTER IN 8

Is one-component and can be used in one or more stages even against pressurized water without subsequent solid resin injection. It quickly forms a water-proof, firm foam that displaces water. Accelerated reaction possible by adding KÖSTER IN 8 Accelerator.

### Elastic solid resin: KÖSTER IN 2

KÖSTER IN 2 is a solid resin for the elastic waterproo-fing of dry cracks as well as water-bearing cracks that have previously been injected with a foam resin. It is characterized by medium reactivity and low viscosity.

### Long pot life & CE marking: KÖSTER IN 5

KÖSTER IN 5 is an EN 1504-5 certified resin with an outstandingly long pot life, suitable for injection into dry and moist cracks. It has a very low viscosity and high elasticity. It is suitable for crack injection as well as hose injection.



## Structural restoration – sealing cracks with a structural bond

### Close cracks structurally: KÖSTER KB-Pox IN



Solvent free, low viscosity EN 1504 certified epoxy injection resin for crack injection and saturation. Due to its high rate of penetration into porous substrates and its excellent adhesion to concrete, stone, masonry, and metal, KÖSTER KB-Pox IN permanently seals and bridges cracks and restores structural integrity. The material does not contain any fillers or softeners and thereby sedimentation is avoided.

Fields of application: Suitable for the restoration of structural integrity of cracks and solidifying porous substrates. Without pre-injection KÖSTER KB-Pox IN can be used for filling and closing dry, damp, wet cracks, and voids.

KÖSTER KB-Pox IN can be injected directly with the KÖSTER 1C Injection Pump, but also applied by saturation when filling cracked screed with KÖSTER Screed Anchors.



### Mineral based injection: KÖSTER Micro Grout 1C



Suitable for the filling of voids and strengthening mineral substrates as well as crack injection of masonry and concrete, for the grouting of anchors, the filling of voids, as well as the strengthening of loose rocks, sandy soils, etc.

## Injection gels for curtain- and masonry injection



### Area- and curtain injection: KÖSTER Injection Gel G4



Low viscosity EN 1504 certified acrylic gel with DiBT certification for injection in ground water adjacent structures, (curtain injection). Drinking water certification. Due to the very low viscosity it

is the injection product of choice for structures with very fine pores, (masonry and soil). Due to the stability of the final product it is suitable for a wide range of injection applications.

### Acrylic gel with adjustable reaction time. Through the addition of KÖSTER B+ ideal for joint injection: KÖSTER Injection Gel S4



KÖSTER Injection Gel S4 is used for waterproofing water ingress, for quickly sealing joints, and can be used for curtain injection. The reaction speed can be set between 10 seconds and

3 minutes by changing the amount of activator salt, (B component).

By using a polymer dispersion as the B component (KÖSTER B+), the gel can be modified in such a way that particularly high flank adhesion is achieved on mineral substrates.