



KÖSTER
INJECTION PUMPS

CONTACT
DETAILS

KÖSTER
INJECTION SYSTEMS

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



KÖSTER 1C Injection Pump

For low and high pressure injection into cracks and voids. It is suitable for the injection of KÖSTER IN materials (foams and resins). The pressure can be regulated from 0 to 200 bar.



KÖSTER Gel Pump

Electrical a 2-component pump with a continuously adjustable mixing ratio (Gel : Water)



KÖSTER Acrylic Gel Pump

Pneumatic pump made of stainless steel for the application of KÖSTER Injection Gel G4. Capacity: Max. 11 ltrs. per minute. Working pressure: 20 - 200 bar.



KÖSTER BAUCHEMIE AG
Dieselstraße 1-10, 26607 Aurich, Germany
Phone: +49 4941 9709-0, Fax: +49 4941 9709-40
E-mail: info@koster.eu, www.koster.eu

- 
- Waterproofing of active leakages
 - Structural repair
 - Elastic waterproofing of cracks and joints
 - Filling of voids and solidifying of soils
 - Waterproofing with curtain injection

KÖSTER INJECTION SYSTEMS

Stop water and seal cracks elastically

The standard system: KÖSTER IN 1 + KÖSTER IN 2

In case of a water bearing crack, the water has to be stopped quickly in order to install a permanent waterproofing. KÖSTER IN 1 quickly forms a foam when it comes into contact with water. It expands and pushes the water out of the crack. Afterwards KÖSTER IN 2 is injected into the same crack. It does not foam but cures to a solid body resin which closes the crack permanently and elastically. Drinking water certification.



Two products in one: KÖSTER 2 IN 1

KÖSTER 2 IN 1 is a unique CE certified product, which combines the functionality of KÖSTER IN 1 and KÖSTER IN 2 in one product, in dry cracks it forms a solid body resin, in wet cracks a water replacing foam. This saves time and logistics on the construction site.

Long pot life & CE mark: KÖSTER IN 5

KÖSTER IN 5 is an EN 1504-5 certified resin with an outstandingly long pot life, suitable for the 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.

Fast elastic waterproofing against water: KÖSTER IN 7

The material waterproofs water bearing cracks permanently and elastically. The product forms a firm but elastic foam within very short time, that is able to replace water. The stability of the foam withstands pressurized water permanently.

Structural restoration - close cracks with structural bond

Close cracks structurally: KÖSTER KB-Pox IN



Solvent free, low viscous epoxy injection resin for crack injection. 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 as well as joints 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 bonding in cracks and joints. Without pre-injection KÖSTER KB-Pox IN can be used for filling and closing dry, damp and wet cracks, joints and voids.

Mineral structural repair: KÖSTER Micro Grout 1C



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

Injection gels for curtain- and masonry-injection

Area- and curtain-injection: Injection Gel G4



Low viscosity acrylic gel with DiBT certification for injection in ground water structures (curtain injection). Drinking water certification. Due to the very low viscosity it is the injection product of choice for structures with very fine pored structures (masonry and soil). The stability of the final product enables the KÖSTER Injection Gel G4 for most gel applications.

Special gels:

KÖSTER Injection Gel S4

(fast acrylic gel with a flexible setting time)

KÖSTER Injection Gel J4

(acrylic gel for elastic joint waterproofing)

Hydro-reactive waterproofing: KÖSTER PUR Gel



KÖSTER PUR Gel reacts with water and can bind up to ten times its own weight in water. Oakum soaked in KÖSTER PUR Gel can be an elegant method for solving difficult active water ingress problems in pipes, joints, and cavities. It is often used where large amounts of free water must be bound.