KÖSTER INJECTION PUMPS

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

*The electrical **KÖSTER 1C Injection Pump** is suitable for injecting KÖSTER injection resins into cracks and voids. It is suitable for the injection of KÖSTER IN materials (foams and resins).*

KÖSTER Gel Pump

*The electrical **KÖSTER Gel Pump** is a 2-component pump with a continously adjustable mixing ratio (Gel : Water)*

CONTACT DETAILS

KÖSTER Waterproofing Systems

KÖSTER BAUCHEMIE AG
Dieselstraße 3-10, 26607 Aurich, Germany
Phone: +49 4941 9709-0, Fax: +49 4941 9709-40
E-mail: info@koster.eu, www.koster.eu

KÖSTER Waterproofing Systems

KÖSTER INJECTION SYSTEMS

- *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

Fast and permanent waterproofing in case of active leakages - two products one solution

In case of a water bearing crack, the water has to be stopped quickly in order to install a permanent waterproofing. The system of choice: ***KÖSTER IN 1*** *and* ***KÖSTER IN 2****.*

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.

Structural repair

KÖSTER IN 3 *is a viscoplastic polyurethane resin that combines high tensile and compressive strength with very strong adhesion to dry substrates. That way crack flanks can be reconnected in order to reestablish the load capacity of a construction member. KÖSTER IN 3 is almost rigid but not brittle which enables it to absorb slight movements. The appearance of a new crack right next to the repaired crack becomes much more unlikely.*

Resins with a long pot life for elastic waterproofing of cracks and joints.

KÖSTER IN 5 *is a resin with a long pot life which allows injection into finely branched crack systems as well as application at high temperatures.*

The resin is suitable for waterproofing joints via hose injection. Furthermore KÖSTER IN 5 has a low viscosity (thin fluid) which enables it to penetrate into crack systems with very narrow cross sections.

Fast and elastic waterproofing of waterbearing cracks: The one product system

Waterbearing cracks can be waterproofed permanently and elastically with just one product - ***KÖSTER IN 7****. The product rapidly forms an elastic foam that pushes water out of a crack. Its solidity is sufficient to withstand permanent water pressure. KÖSTER IN 7 requires water contact for a reaction to take place.*

Sealing and waterproofing of cracks - no matter if they are dry or wet

KÖSTER 2 IN 1 *is a unique product that can be applied in dry and wet cracks. On the construction site it is not always clear if a crack is water bearing or not. To be safe KÖSTER 2 IN 1 is the injection material of choice. When it comes into contact with water it forms a foam that pushes the water out of the crack. In a dry crack it cures to an elastic solid body resin. KÖSTER 2 IN 1 is injected via the same packer twice. Afterwards the crack is sealed safely and elastically - no matter if it was bearing water or not.*

Filling voids and solidifying soils with mineral based materials.

KÖSTER Micro Grout *is used for injection into masonry and concrete, for the grouting of rock-, ground- and masonry anchors as well as for the filling of voids, joints etc. and the solidification of granular and sandy soils and porous concrete.*

Forms a waterproofing out of water and sand: KÖSTER PUR Gel

For waterproofing under difficult conditions, ***KÖSTER PUR Gel*** *with its various application possibilities is often the system of choice. Together with water and mineral materials (e. g. sand), it is able to create a waterproofing layer that withstands pressurized water. Examples are the curtain injection (the subsequent external waterproofing of a building via an injection from the inside), the sealing of joints even under water and much more. Depending on the amount of water added, a highly elastic, waterproof, solid or foam hydro gel is formed. Even in dilution with water up to 1:10, KÖSTER PUR Gel withstands pressurized water. It does not promote corrosion, and is designed and tested for the use in drinking water environments.*