



## How Do Cracks Occur?



### Typical areas of crack repair:

- Concrete slabs
- Underground parking slabs
- Concrete walls
- Bridges
- Masonry walls
- Tunnels
- Wall / floor junctions

**KÖSTER**

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DEUTSCHE BAUCHEMIE



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**KÖSTER**

Crack injection  
 with special double activation resin



Foam and Resin in one product

Stops water by forming a foam

Forms an elastic resin in dry cracks

simple and effective solution for all situations



## // The system



- 1 Installing the packers: KÖSTER Superpacker 13 x 130 mm CH
- 2 Injection resin: KÖSTER 2 IN 1
- 3 Pump: KÖSTER 1C Injection Pump



### Key features at a glance

- One product (2 comp.) for dry and water bearing cracks instead of two, much easier application.
- In contrast to conventional materials: KÖSTER 2 IN 1 will react, no matter if water is present or not.
- Simplifies storage and work since only one material is kept in stock and brought to the site.
- Resistant to hydrolysis
- Tested according to DIN EN 1504-5
- Does not turn brittle over time
- Convenient pot life (+20 °C, 1 kg of mixture) of 45 Min.

## // The products



### KÖSTER Superpacker 13 mm x 130 mm CH

The KÖSTER Superpacker provides a very high contact pressure to the borehole due to the cone-shaped center of the tightening mechanism. Four fins and two ridges on the rubber gasket prevent rotation during tightening and facilitate the optimal fixation of the packer in the borehole. It has a firmly mounted cone-head fitting for pressure injection and is galvanized.



### KÖSTER 2 IN 1

Broadly applicable PU injection resin for dry and water bearing cracks. The specialty: KÖSTER 2 IN 1 forms an elastic foam when coming into contact with water which pushes the water out of the crack. If no water is present the material forms an elastic solid body resin and permanently seals the crack.



### KÖSTER 1C Injection Pump

Electrical 1C injection pump for injecting of 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. The maximum delivery rate is approx. 2.2 l / min.