



KÖSTER

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Applications:

KÖSTER at your service – worldwide.

Waterproofing Systems

**Masonry Injection with
KÖSTER Injection Gel G4**

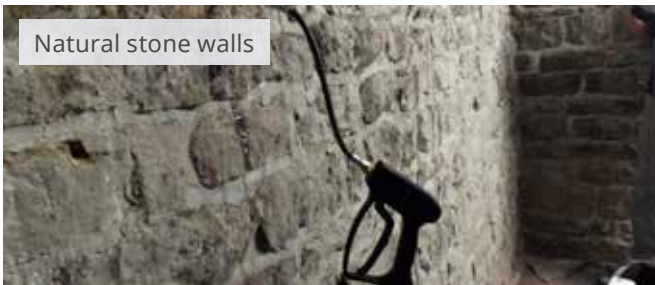
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Horizontal barriere



Vaulted ceilings



Natural stone walls



Tunnels



// Contact us

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External brick wall injection

Masonry injection



Vertical masonry injection, also known as area injection, is a standard method for the subsequent waterproofing of brick building elements in which excavation is not economical or possible, or when the architectural requirements of appearance are decisive.

Typical applications include:

- Exterior brick walls
- Historical vaulted cellars
- Sand-lime walls
- Natural stone exterior walls
- Sealing mortar joints
- Wall-floor connections
- Masonry foundations
- Historical thick brick walls

KÖSTER Injection Gel G4

is an elastic hardening Acrylic gel with an extremely low initial viscosity of only 4 MPa*s. With an almost water-like consistency, the material can be injected into the finest pores within the structure. At the same time, large water-bearing cracks and voids can be quickly elastic and permanently sealed. Therefore, is KÖSTER Injection Gel G4 suitable for sealing against water pressure as well as for waterproofing against rising damp.

Extensively tested quality

Numerous test studies proved the effectiveness and performance of the KÖSTER gels. Such tests certify the material for use in drinking and ground water environment, reinforced concrete, against high water pressure (up to 7 bar), and even under salt water contact, among others.



KÖSTER Acrylic Gel Pump

KÖSTER Injection Gel G4 is injected using the pneumatically driven KÖSTER Acrylic Gel Pump. It offers an operating pressure from 15 – 220 bar and a delivery output of up to 10 ltr. per minute.

The advantages of KÖSTER Injection Gel G4

- Initial viscosity similar to water enables a deep penetration into the building structure
- Toxicologically and ecologically harmless proved with numerous certificates
- Approved for concrete injection according to EN 1504-5
- Elegant and minimally invasive solution with reference cases worldwide
- Suitable for applications in drinking water and Groundwater environments
- Worldwide on-site support from our technical team

