

KÖSTER KB-Pur IN 7

Single component viscoplastic PU-injection foam for the single-stage sealing of water-bearing cracks and joints

- WZ "KB Pur" ges. gesch. Deutsches Patentamt , 395 06 701

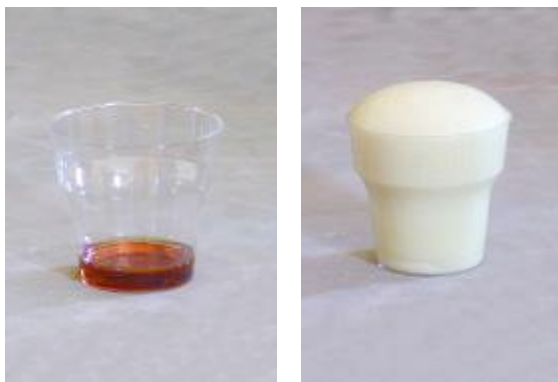
Product Description:

Turkish brand name > KÖSTER KB-Pur IN 7

KÖSTER KB-Pur IN 7 is a single component polyurethane prepolymer used with 10 % catalyst. The product reacts only when coming into contact with water and forms spontaneously a compact, viscoplastic, waterproof polyurethane foam.

KÖSTER KB-Pur IN 7 remains viscoplastic after reacting and is thus able to follow crack movements and to seal permanently without the necessity of subsequent injections with an elastic polyurethane massive resin.

KÖSTER KB-Pur IN 7 is solvent-free and resistant to hydrolysis.



Technical Data:

Volume expansion	x 30 times max.
Color	brown
Viscosity (mixing > +25 °C)	300 mPa.s
Density (mixing)	1,1 gr / cm ³

Density (After the reaction)	0,1 gr / cm ³
Solid matter ratio	% 100
Mixing ratio	10 : 1 – A : B (by weight)
Mixing ratio	12 : 1 – A : B (by volume)

Field of Application:

KÖSTER KB-Pur IN 7 is intended for single-stage sealing of water bearing cracks in concrete and masonry using pressurized injection systems without necessitating subsequent injections with a massive resin.

Mixing:

The resin and the catalyst are recommended to be mixed at 20°C in the above stated mixing ratio using a slowly rotating electrical mixer preferably equipped with a KÖSTER Resin Stirrer. The material must be mixed until it is streak free and homogeneous in appearance.

Application:

The ready mixed material is not storable and must be used up immediately. The mixture can be processed using customary single component injection pumps such as the KÖSTER 1C Injection Pump.

Prior to the injection, the cracks to be worked on are sealed using KÖSTER KB-Fix 5. Along the course of the crack, holes are drilled at a distance of 10 to 15 cm to each other on alternating sides of the crack. Packers are inserted into the injection holes and (if possible) injected proceeding from the bottom to the top. The diameter of the holes depends on the packers used.

Consumption:

Approx. 0.1 kg/lt void

Packaging:

KÖSTER IN 7 5,5 kg SET

KÖSTER IN 7 27,5 kg SET



Caution:

Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye / face protection. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. For additional references to safety-hazard warnings, regulations regarding the transport and waste management please refer to the relevant Material Safety Data Sheet.

When carrying out injection works, make sure to protect the surroundings from injection resin that may be discharged from the wall, packers, boreholes etc. due to the pressurized mode of injection or accidentally. Do not stand directly behind the packers during injection.

Cleaning of Tools:

Clean tools with suitable polyurethane solvent while still wet.

Storage:

Dry and cool, in original sealed containers.

Shelf Life:

6 months.



KÖSTER Manual Injection Press



KÖSTER Superpacker Injection Port

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