

KÖSTER KB-Pur Gel

Water activated polyurethane gel for curtain and area injections as well as for sealing of expansion joints

- WZ "KB Pur" ges. gesch. Deutsches Patentamt , 395 06 701.4
- Official Test Certificate, Hygiene Institut, Gelsenkirchen "İçme suyuna uygunluk raporu"
- Official Test Certificate, MPA Leipzig, Anwendungstechnisches Prüfzeugnis

Product Description:

Turkish brand name > KÖSTER KB-Pur GEL

KÖSTER KB-Pur® Gel is a solvent-free, water activated polyurethane gel. Depending on the amount of water added, a highly elastic, waterproof, mass or respectively foam hydro-gel is formed.

After it has reacted in dilutions up to 1:10, it is resistant to pressurised water. It does not contain free isocyanides and is chemically stable after reacting.

It does not contribute to corrosion and does not emit groundwater polluting substances. It has been tested according to KTW-recommendations.



Technical Data:

| | |
|--------------------|----------------------------------|
| Color | brown |
| Viscosity | 600 - 800 mPa.s |
| Density | 1,10 - 1,12 gr / cm ³ |
| Solid matter ratio | % 100 |
| Resolution | in water % 100 |

Field of Application:

KÖSTER KB-Pur® Gel is intended for the subsequent external sealing of areas with ground contact using curtain injection, for area injections in highly porous, jointed and cracked building materials as well as for the sealing of cavities, pipe couplings, pipe feed-throughs, and joints in masonry, concrete and soils.

Application:

The application of the material is usually carried out with a two-component pump, e. g. the KÖSTER Gel Pump.

Curtain Injection:

Holes are drilled through the construction member to be sealed in a raster of max. 30 cm horizontally and vertically, every second row centrally offset. The diameter of the boreholes depends on the packers chosen. As packers, KÖSTER Injection Lances or Distributor Lances or KÖSTER Impact Packers 18 plus can be used.

Area Injections:

Holes are drilled into the construction member to be sealed to a depth of 2/3 of it's thickness in a raster of max. 30 cm horizontally and vertically, every second row centrally offset. The diameter of the boreholes depends on the packers chosen. As packers, KÖSTER Injection Lances or KÖSTER Impact Packers 18 plus can be used.

Expansion Joints:

Existing joints are cleaned out and are closed using suitable means prior to the injection. Along the course of the crack, holes are drilled on alternating sides of the crack at an angle of 45 ° to the surface at a max. distance of 50 cm from each other on each side. As packers, KÖSTER Injection Lances or KÖSTER Impact Packers 18 Plus can be used.

Packaging:

KÖSTER KB-Pur GEL 2,5 kg tin



Cleaning of Tools:

Clean tools with suitable polyurethane solvent while still wet.

Storage:

Dry and cool, in original sealed containers.

Shelf Life:

12 months.

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.

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