



## KÖSTER Superpacker 13 mm x 85 mm PH

Technical Data Sheet IN 916 001

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Volker Knecht, pull out testing according to DAfStb guideline for protection and renovation of concrete structures 2001, ZTV-ING 2003

### Injection port for the injection of KÖSTER IN Injection Resins, KÖSTER Mautrol 2C / KÖSTER Mautrol Flex 2C, and KÖSTER Acrylic Gels

#### Features

KÖSTER Superpackers have a cone shaped flange in the gasket section that ensures that the pressure is exerted deep in the drill hole, providing an excellent seal and ensuring a permanent fixation in the drill hole. Four fins and two ridges on the rubber gasket prevent rotation of the packer during tightening and thereby facilitate optimal fixation of the packer in the drill hole. KÖSTER Superpackers do not have a pre-determined breaking point. The spanners are to be screwed off after use.

#### Technical Data

##### Delivery form

With cone head	KÖSTER Superpacker 10 x 85 mm KÖSTER Superpacker 10 x 115 mm KÖSTER Superpacker 13 x 85 mm KÖSTER Superpacker 13 x 115 mm
With pan head fitting	KÖSTER Superpacker 13 x 85 mm KÖSTER Superpacker 13 x 115 mm

#### Fields of Application

KÖSTER Superpackers are suitable for crack injection and for area injections using pressurized injection equipment.

#### Application

Holes are generally drilled with 10 – 15 cm spacing, depending on the substrate thickness and crack geometry. After drilling a hole with the proper diameter, the KÖSTER Superpacker is installed at least 5 cm deep into the drill hole. The gasket of the packer is tightened by turning the hexagonal part of the packer clockwise first by hand and then using a wrench until the packer is fixed firmly in the hole. By turning the hexagonal spanner, the rubber gasket is pushed onto the cone shaped flange in the gasket section and pressed onto the walls of the drill hole so that a tight seal is achieved. Injection is then carried out. After the material has cured the spanner can be removed and the drill hole sealed with KÖSTER KB-Fix 5.

#### Cleaning

KÖSTER Superpackers are non re-usable.

#### Packaging

IN 916 001 13 mm x 85 mm

#### Storage

When stored cool and dry there is no limited storage life.

#### Safety

Wear protective gloves, goggles, and all Personal Protective Equipment required by governmental, state, and local regulations when processing the material. 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.

#### Related products

KÖSTER IN 1	Prod. code IN 110
KÖSTER 2 IN 1	Prod. code IN 201
KÖSTER IN 2	Prod. code IN 220
KÖSTER IN 3	Prod. code IN 230
KÖSTER KB-Pox IN	Prod. code IN 231
KÖSTER IN 4	Prod. code IN 240
KÖSTER IN 5	Prod. code IN 250
KÖSTER IN 7	Prod. code IN 270
KÖSTER Injection Barrier	Prod. code IN 501 025
KÖSTER One-Day-Site Packer 13 mm x 120 mm PH	Prod. code IN 922 001
KÖSTER Slide Coupling for pan-head fitting	Prod. code IN 928 007
KÖSTER 1C Injection Pump	Prod. code IN 929 001
KÖSTER Hand Pump without manometer	Prod. code IN 953 001
KÖSTER Hand Pump with manometer	Prod. code IN 953 002
KÖSTER Mautrol 2C	Prod. code M 261
KÖSTER Mautrol Flex 2C	Prod. code M 262 020

The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The proper and thereby effective and successful application of our products is not subject to our control. The installer is responsible for the correct application under consideration of the specific conditions of the construction site and for the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which exceed the specifications contained in this technical guideline require written confirmation. The valid standards for testing and installation, technical guidelines, and acknowledged rules of technology have to be adhered to at all times. The warranty can and is therefore only applied to the quality of our products within the scope of our terms and conditions, not however, for their effective and successful application. This guideline has been technically revised; all previous versions are invalid.

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