



## KÖSTER Lamella Impact Packer

### Impact packer with angled fins for injecting resins, grouts, gels, and horizontal barriers

#### Features

KÖSTER Lamella Packers have angled fins that are positioned in the direction of the pull out force. This results in a high pull out resistance from the drill hole. Additionally the KÖSTER Lamella Packer has a longer neck and a pre-determined breaking point. This allows the packer to be placed deeply in the drill hole and when the work is completed the neck can be cleanly broken off without any packer protruding beyond the drill hole. Removing exposed packer parts is no longer necessary. The drill hole can then be filled with mortar and the surface quickly and easily worked over.

The KÖSTER Lamella Packer can be fitted with a non-return valve, keeping injected material from free flowing back out of the packer.

#### Technical Data

Material	Plastic
Diameter	For 18 mm drill hole
Length without valve	11 cm
Valve	1.4 x 1.4 x 1.0 cm

#### Fields of Application

For the injection of KÖSTER Grouts, resins, and gels and for the installation of horizontal barriers with low pressure injection.

#### Substrate

The KÖSTER Lamella Packer can be installed in all solid and sound mineral based substrates. Packers can be installed into weak, cracked, and crumbling substrates by first coating the packer fins with KÖSTER KB Fix 5.

#### Application

After drilling holes the KÖSTER Lamella Packers are driven into the substrate with the KÖSTER Drive in aid for Lamella Packers. They are driven in until the last fin (the only round and flat one) is 1 cm deep into the drill hole. When installing into weak and crumbling masonry coat the fins with KÖSTER KB Fix 5 directly before installation. KÖSTER KB Fix 5 fixates the packer and allows for a proper injection. This method must be tested for each specific jobsite.

The spacing of the packers depends on the material used and the goals of the injection work.

After injection the packer necks can be broken off and the hole filled with KÖSTER KB Fix 5 or other suitable KÖSTER Repair Mortar.

#### Cleaning

KÖSTER Lamella Packers are single use packers. The broken off injection neck can be disposed of as plastic.

#### Packaging

IN 909 001	piece
IN 910 001	Non-Return Valve for Lamella Packer (1 piece)

#### Storage

When stored cool and dry they have no pre-determined shelf life.

#### Safety

Wear gloves and safety glasses. Pressure is created when working with pumps. Never stand directly behind the packer while injecting. Keep the work area clean. Observe all governmental, state, and local safety regulations when processing material. Observe the respective Technical Data Sheets of the material to be injected.

#### Related products

KÖSTER KB-Fix 5	Prod. code C 515 015
KÖSTER 2 IN 1	Prod. code IN 201
KÖSTER IN 2	Prod. code IN 220
KÖSTER KB-Pox IN	Prod. code IN 231
KÖSTER IN 4	Prod. code IN 240
KÖSTER IN 5	Prod. code IN 250
KÖSTER IN 8	Prod. code IN 271
KÖSTER Injection Gel G4	Prod. code IN 290
KÖSTER Injection Gel S4	Prod. code IN 294
KÖSTER Micro Grout 1C	Prod. code IN 295 024
KÖSTER Lamella Impact Packer Adapter	Prod. code IN 908 001
KÖSTER Drive in aid for Lamella Packer	Prod. code IN 911 001
KÖSTER Superpacker 10 mm x 85 mm	Prod. code IN 912 001
CH	
KÖSTER Superpacker 10 mm x 115 mm	Prod. code IN 913 001
CH	
KÖSTER Packer 13 mm x 130 mm CH	Prod. code IN 913 002
KÖSTER Superpacker 13 mm x 130 mm	Prod. code IN 915 001
CH	
KÖSTER One-Day-Site Packer 13 mm x 90 mm CH	Prod. code IN 918 001
KÖSTER One-Day-Site Packer 13 mm x 120 mm CH	Prod. code IN 919 001
KÖSTER One-Day-Site Packer 13 mm x 90 mm PH	Prod. code IN 921 001
KÖSTER One-Day-Site Packer 13 mm x 120 mm PH	Prod. code IN 922 001
KÖSTER Injection Whip for Gel Pumps	Prod. code IN 928 006
KÖSTER Slide Coupling for pan-head fitting	Prod. code IN 928 007
KÖSTER Swivel Joint	Prod. code IN 928 008
KÖSTER 1C Injection Pump	Prod. code IN 929 001
KÖSTER Injection Hose	Prod. code IN 929 002
KÖSTER Ball Valve	Prod. code IN 929 003
KÖSTER Manometer	Prod. code IN 929 004
KÖSTER Material Hopper	Prod. code IN 929 005
KÖSTER Coarse Sieve	Prod. code IN 929 006
KÖSTER Fine Sieve	Prod. code IN 929 007
KÖSTER Injection Gun	Prod. code IN 929 016
KÖSTER Acrylic Gel Pump	Prod. code IN 930 001
KÖSTER Material Hose	Prod. code IN 930 002
KÖSTER Gel Packer (Base)	Prod. code IN 931 001
KÖSTER Gel Packer (End piece)	Prod. code IN 932 001
KÖSTER Gel Packer extension pipe 800 mm	Prod. code IN 933 001

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 application 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.

KÖSTER Drive-in Aid for Gel Packers	Prod. code IN 935 001
KÖSTER Cutting Device for Gel Packers	Prod. code IN 936 001
KÖSTER Loka Handpump	Prod. code IN 952 001
KÖSTER Mautrol 2C	Prod. code M 261
KÖSTER Mautrol Flex 2C	Prod. code M 262 020
KÖSTER Peristaltic Pump	Prod. code W 978 001

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