KÖSTER
Capillary Rods

Technical guideline / Article number **11.06**
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- German patent no. 42 01 821, no. 43 06 687.C2, no. 59 303 387.6-08 and no. 19 54 58 79.6
- European patent no. 06 87 333
- Official test report; MFPA, Leipzig – according to WTA guideline 4-4-03 (KÖSTER Crisin® Suction Angle System)

Patented injection wick for uniform distribution of KÖSTER Mautrol® Liquid Sealant and KÖSTER Crisin® 76

Properties

KÖSTER Capillary Rods are made of a special swellable cellulose. They allow the injection liquid to penetrate the building material uniformly and pointedly.

Fissures and cracks are bridged. Thus, losses of injection material are avoided. When using KÖSTER Capillary Rods, the boreholes do not have to be filled with borehole-suspension prior to the injection. This also saves the applicator the work-step of drilling the filled boreholes open again.

Field of application

KÖSTER Capillary Rods are designed for the subsequent installation of capillary-water barriers against rising or creeping damp in masonry, concrete and plaster via borehole injection using the cartridge- or the suction-angle-systems with KÖSTER Crisin® 76 or KÖSTER Mautrol® Liquid Sealant. They can be applied form the inside or from the outside.

Application

After drilling the respective holes with a diameter of 14 mm, the KÖSTER Capillary Rods, diameter = 12 mm, are inserted into the boreholes.

1. Cartridge system, angled boreholes
   KÖSTER Capillary Rods are applied to the boreholes so that the last 4 cm toward the opening of the borehole remain free. That is where the discharge nozzle of the cartridge is inserted.
2. Suction-Angle-System, horizontal boreholes
   KÖSTER Capillary Rods must protrude at least 7 cm from the borehole. These are pushed into the boreholes together with the suction angles and inserted tightly.

By simply putting together or by cutting the rods, they can be fitted to any wall thickness. Connecting pieces of KÖSTER Capillary Rod can be achieved by sticking a wire through both the contact areas of the pieces.

In order to achieve a swelling of the KÖSTER Capillary Rods to the size of the borehole diameter, they have to be watered once. After that, the injection liquid is, depending on the system chosen, applied.

KÖSTER Capillary Rods can remain in the masonry after the saturation. Last, the boreholes are closed with KÖSTER KB-Fix 5.

Packaging

Units of 50 pieces (48 cm long)
Units of 50 pieces (96 cm long)

Storage

Store the material in a dry place; it can be stored for approx. 24 month.

Technical guidelines cited

KÖSTER Mautrol® Liquid Sealant	Art.-No.	3.041
KÖSTER Mautrol® Cartridge System		
KÖSTER Mautrol® Suction-Angle-System		
KÖSTER Crisin® 76	Art.-No.	3.081
KÖSTER Crisin® 76 Cartridge System		
KÖSTER Crisin® 76 Suction-Angle-System		
KÖSTER KB-Fix 5 Dachflex	Art.-No.	5.015

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