



KOSTER Crisin 76 Concentrate

Concentrated, solvent free synthetic resin against capillary rising moisture in walls

Features

KOSTER Crisin 76 Concentrate is a very thin, solvent free, concentrated liquid synthetic resin. It penetrates deeply into even the smallest capillaries and pores in building materials. Due to its very low density and a surface tension lower than that of water, KOSTER Crisin 76 Concentrate displaces the water in the capillaries. Capillaries lined with KOSTER Crisin 76 Concentrate are lined with resin and hydrophobic. The curing of the injected product is independent of the drying of the masonry. After full cure, KOSTER Crisin 76 Concentrate remains flexible, does not decay or decompose, acts neutrally, does not effloresce, and does not affect steel reinforcement. During application and after full cure, KOSTER Crisin 76 Concentrate is resistant to all of the usual corrosives in masonry such as acids, alkalis, and salts.

Technical Data

Density 0.03 lb/cu in
 Viscosity 10 - 15 cps
 Active ingredients 70%

Fields of Application

For saturation and pressureless injection to create horizontal waterproofing against capillary rising moisture in all mineral building materials. KOSTER Crisin 76 Concentrate can be applied from inside or outside, and in cases of high degrees of moisture penetration and with all degrees of salt contamination.

Application

The application of KOSTER Crisin 76 Concentrate is carried out either by:

- The KOSTER Suction Angle System for a horizontally installed damp proof course
- Installation with the KOSTER Cartridge System

Installation with the KOSTER Suction Angle System

Drill horizontal holes (14 mm diameter) in the lowest horizontal joint to a depth of 1 1/2-in less than the wall thickness. Clean the holes by flushing with compressed air or briefly with water. The capillary rods must be at least 2 1/2-in longer than the depth of the drill hole. Measure and cut the capillary rods accordingly. Insert the end of the capillary rod into the suction angle's supply tank and then push the capillary rod and the suction angle together into the drill hole so that the suction angle is securely stuck in the hole. The suction angle is reusable. Do not pre-wet the KOSTER Capillary rods. Place the KOSTER Crisin 76 Concentrate cartridge in the suction angle's clamping device, so that the supply tank fills up with KOSTER Crisin 76 Concentrate. The cartridges remain in the wall for 7 days, then can be removed. Empty cartridges can be removed immediately. After application, the capillary

rods are to remain in the masonry. Protruding ends are pulled out and cut off so that the drill holes can be sealed with KOSTER KB Fix 5. The suction angle system with KOSTER Crisin Concentrate allows for quick and safe waterproofing against rising moisture.

Installation with the KOSTER Cartridge System

1. Drill the required number of holes. Clean the holes compressed air, an industrial vacuum cleaner, or flushed out with water. Holes should be drilled at an approximate 40° downward angle until approximately 2 in before the end of the masonry. At least one horizontal joint should be traversed. The application can be carried out from the inside or the outside. If wall is thicker than 18 in, it is recommend to drill holes from both sides to the middle. After the drill holes have been cleaned, insert the KOSTER Capillary Rods into the drill holes. Install the capillary rods so that approximately the first 1 1/2-in of the drill hole are left clear for placement of the cartridges. The capillary rods remain in the drill holes after application. If filling of the masonry is necessary, fill the cavities with KOSTER Mautrol Borehole Suspension prepared according to the respective technical guideline. Before full cure (between 30 minutes and 3 hours), drill the holes out again. Install the KOSTER Crisin 76 Concentrate cartridges into the drill holes. Do not apply at a temperature below freezing. The cartridges remain in the wall for 7 days. Empty cartridges can be removed immediately. After installation, seal drill holes with KOSTER Mautrol Borehole Suspension or KOSTER KB Fix 5.

Coverage

Consumption for the KOSTER Cartridge System:

Wall thickness (cm)	Drill hole spacing in cm*	Cartridges per m	Cartridges per drill hole
10	12.5	8	1**
20	12.5	8	1
30	12.5	8	1
40	9.0	11	1
50	7.5	14	1

* Drill hole diameter: 14 mm, Spacing from hole center to hole center:
 ** For wall thicknesses up to 20 cm a half filled cartridge per drill hole is sufficient. Use the KOSTER Suction Angle System for walls over 24 cm thick.

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 installer is responsible for the correct application taking into consideration the specific conditions of the construction site and 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 deviate from the specifications contained in any Company literature may not be relied upon in the absence of written confirmation from the Company. The installer must comply with all testing, technical requirement, guidelines, and industry customs at all times. The terms, conditions, and limitations contained in the written warranty for the product controls over the specifications contained herein. This guideline has been technically revised; all previous versions are invalid.

Maximum consumption for the KOSTER Suction Angle System:

Wall thickness (cm)	Drill hole spacing (cm)*	Cartridges per m	Cartridges per drill hole	Consumption n capillary rods (45 cm)
20	12.5	8	1	4
30	12.5	8	1	6
40	12.5	8	1	7
50	10.0	10	1	12
60	8.5	12	1	15
70	7.0	14	1	21
80	6.3	16	1	27
90	5.5	18	1	35
100	5.0	20	1	41

* Drill hole diameter: 14 mm, Spacing from hole center to hole center:

Packaging

M 279 005	1.3 gal canister
M 279 010	2.64 gal jerrycan
M 279 028	28 x 200 ml carton box
M 279 030	7.93 gal jerrycan
M 279 200	200 ml cartridge

Storage

Store in a cool, dry place.

Safety

Consult Safety Data Sheet. Always wear proper personal protective equipment when handling this product.

Limited Warranty

KOSTER warrants that its product shall be in accordance with the specifications published in the current revision of the products data sheet. KOSTER covenants that in the event any of its products fail to meet their published specifications, KOSTER shall replace those products proved to be defective. KOSTER shall not be responsible for any incidental or consequential damages due to the breach of its warranties. Notwithstanding the foregoing, KOSTER's sole liability hereunder shall not exceed the cost of the defective product originally purchased. EXCEPT AS SET FORTH ABOVE, KOSTER MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED AND MAKES NO WARRANTY AS TO THE MERCHANTABILITY OR FITNESS OF THE PRODUCT FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. The user must determine if the product is suited for the intended use and the user must bear the risks and liabilities associated with it.

Other

Please be aware: After the installation of KOSTER Crisin 76 Concentrate salts can effloresce on the surface due to the drying process. We suggest the use of KOSTER Polysil TG 500 and the installation of a KOSTER Restoration Plaster.

Related products

KOSTER KB-FIX 5	Art.-Nr. C 515 015
KOSTER Polysil TG 500	Art.-Nr. M 111

KOSTER Mautrol Borehole Suspension
 KOSTER Fine Plaster
 KOSTER Restoration Plaster 1 Grey
 KOSTER Restoration Plaster 2 White
 KOSTER Restoration Plaster 2 "Fast"
 KOSTER Restoration Plaster 2 "Light"
 KOSTER Suction Angle
 KOSTER Capillary Rods

Art.-Nr. M 150 024
 Art.-Nr. M 655 025
 Art.-Nr. M 661 025
 Art.-Nr. M 662 025
 Art.-Nr. M 663 030
 Art.-Nr. M 664 025
 Art.-Nr. M 930 001
 Art.-Nr. M 963

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