



# BauSan Capillary Stop 25K



## General

BauSan Kapillar Stop 25K is an organic product for injection into mineral masonry for the purpose of creating a horizontal and flat injection barrier against rising damp and transverse moisture penetration. **Figure 1** shows rising damp and cross moisture penetration due to missing or defective external sealing. Both moisture problems can be easily solved by injecting Kapillar Stop 25K.

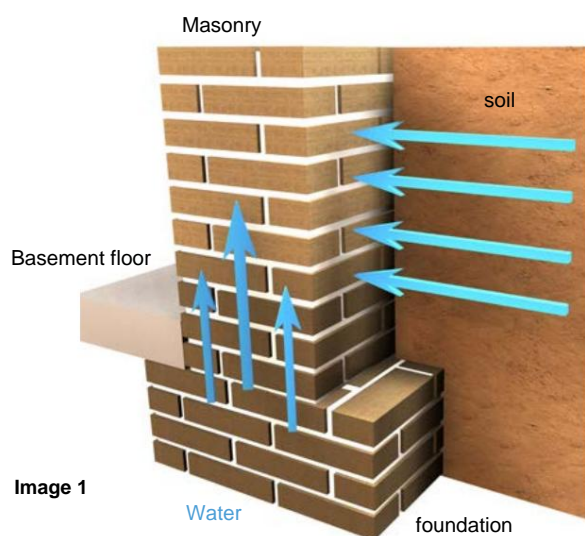


Image 1

Kapillar Stop 25K has neither a pore-narrowing nor pore-clogging effect, which is why after the active ingredient has been applied and the masonry has dried out, it retains or regains its natural thermal insulation.

This result is achieved thanks to a special polymer dissolved in very thin and highly pure paraffin oil. The active ingredient as a whole as well as its individual components are for human and

harmless to animal health.

## Mode of action

After being injected into the masonry, the paraffin oil gradually evaporates completely again; at the end of the reaction time of approx. 2-3 weeks, there is only a permanently water-repellent polymer film on the pore walls of the masonry, similar to paint.

Kapillar Stop 25K is not water-soluble and even spreads in (theoretically) completely water-saturated masonry. Due to its nature and properties, it does not mix with the pore water present in the pores of the masonry.

Due to the lower in relation to the existing water

Surface tension is used to force the excess water out of the capillaries due to the capillary pressure generated, ensuring excellent displacement even under the most difficult application requirements. Kapillar Stop 25K can also be injected into masonry with cavities, as from there it can spread through the masonry without pressure. One

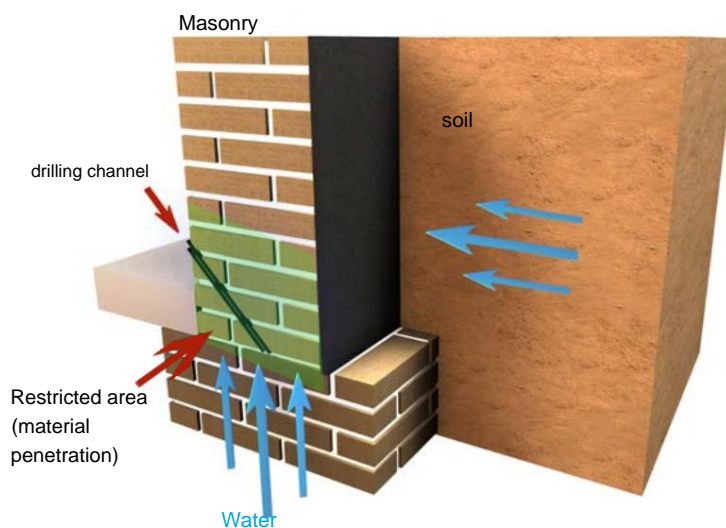
Complex pre-filling is therefore not necessary during use. Another advantage of Kapillar Stop 25K for the user is the drill hole spacing, which is only 25 cm. An additional advantage is the construction of a horizontal barrier with only one row of boreholes, **Figure 2, page 2**. Alternatively, this row of boreholes can also be used

in a chessboard pattern, offset by 25 cm each, to act as an area barrier when the product is applied over a wide area, **Figure 3, page 2**.

Kapillar Stop 25K can be used on all types of mineral building materials. It is particularly suitable for clinker masonry and all other brick masonry,

for concrete and natural stone/quarry stone masonry and also for sand-lime brick, gas concrete or Hollow chamber stones.

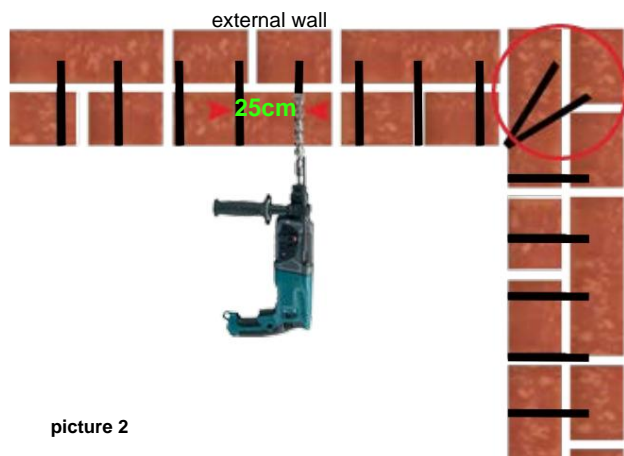
### schematic representation of a BauSan Capillary Stop 25 K Horizontal lock



Complex and therefore expensive preliminary examinations  
Masonry with regard to possible existing ones  
Exposure to salts or sulfates as well as one  
Determination of the degree of moisture penetration of the area to be blocked  
Masonry areas are eliminated when using  
Capillary Stop 25K.

## Application

To create subsequent horizontal barriers in mineral building materials, Kapillar Stop 25K is injected into the masonry to be sealed in a single layer at a horizontal distance of 25 cm using low-pressure injection via packers or lance systems.



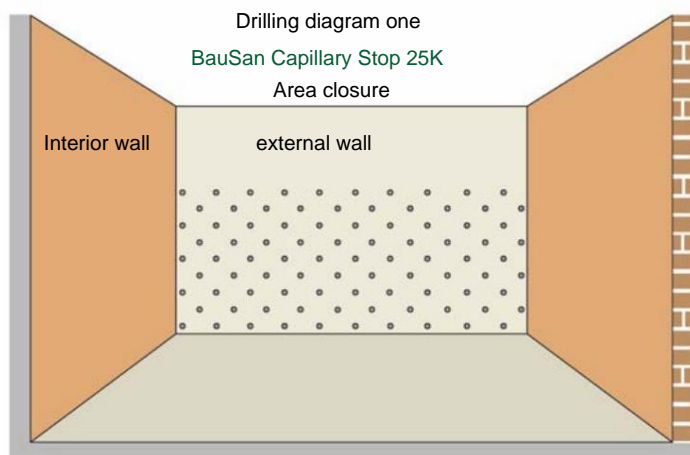
picture 2

During the injection, a previously precisely defined amount of Capillar Stop 25K (according to the BauSan Capillar Stop 25K formula) is pressed into the masonry to be treated using an electronic counting system, accurate to the milliliter.

This allows the user to precisely calculate the required product quantity of Capillary Stop 25K in advance when planning the sealing measure, which ensures that no more than the amount of Capillary Stop 25K necessary to create a secure horizontal barrier is injected into the masonry. Even with partial basements or overbuildings and therefore not only

In masonry or masonry areas that are difficult to access, Kapillar Stop 25K can then be installed in the masonry as an area barrier.

Here, several sealing levels are then placed on top of each other in a checkerboard pattern, spaced 25 cm apart, **Figure 3**.



picture 3

## Advantages

- safe and easy to use thanks to its strong hydrophobic effect
- Applicable even with the highest masonry diameter
- Moisture is suitable for all mineral masonry due to
- its extreme creeping ability
- no subsequent formation of substances that are harmful to buildings
- less time required to create the locks
- Calculated durability of the barrier of approx. 80-90 years



## Security

Kapillar Stop 25K is produced under the strictest quality requirements and is constantly monitored for consistent quality and product quality.

We voluntarily grant a guarantee of 25 years from completion on the durability and functionality of all hydrophobic masonry barriers professionally created exclusively with Kapillar Stop 25K.



**Free damage analysis directly on site**

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