

Kiesol C [basic]

Our fastest injection cream
for your project?
We get it done!

Product solution




remmers

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The best protection against rising damp

Remmers Kiesol C ^[basic] works fast. Protects best.

Kiesol C ^[basic] works differently from conventional injection creams and is therefore more effective. This is achieved through an inverse formulation. The silane forms the base liquid, the so-called dispersant, into which a second liquid phase, in this case water, is distributed in the form of very fine droplets. Selected surface-active emulsifiers are added for stabilisation. A special process is used to prepare the two liquid phases into a stable, creamy emulsion. The outstanding advantage of this innovative formulation is the earlier development of the protective effect. Kiesol C ^[basic] is extremely fast, particularly economical, penetrates very well and is certified by a WTA test certificate. Kiesol C ^[basic] can be applied by machine and is therefore particularly recommended for use over large areas.





The innovative principle for even more efficiency

The comparative test



Conventional cream-based horizontal barriers

have been preserved for years. They are characterised by the following criteria:

- ✓ Cream consistency with encapsulated active ingredient, floating in water
- ✓ pressureless injection up to 95 % DFG
- ✓ WTA-tested and certified
- ✓ WTA efficacy class C (> 120 days)



Innovative Speed-Formula

Kiesol C ^[basic]

is a silane cream for horizontal barriers with a new, inverse mode of action. Kiesol C ^[basic] is extremely fast due to its unique formula:

- ✓ Silane cream with encapsulated water in liquid active ingredient
- ✓ pressureless injection up to 95 % DFG
- ✓ WTA-tested and certified
- ✓ WTA efficacy class B (> 90 to < 120 days)



The number 1 for professional users

If you compare the properties of the injection procedures found today for subsequent installation of cross-section waterproofing or the product systems that are available, Kiesol C ^[basic] has considerable advantages compared to liquid product systems and also compared to other products in cream form that are on the market.

- ✓ Kiesol C ^[basic] is WTA tested and certified for injection under gravity up to a degree of moisture saturation of 95 %. The test report is available on request.
- ✓ The preliminary examinations that were necessary for selecting the procedure when using liquid injection materials are no longer necessary since Kiesol C ^[basic] can be used for any degree of moisture saturation.
- ✓ Because the drill holes are horizontal and slim, the time needed for drilling and the quantity of material required to fill the drill holes is greatly minimised.
- ✓ And since the drill holes are so slim, it is no longer necessary to subsequently fill them with injection mortar.
- ✓ Professional application with 10 l politainer and piston pump PowerPump 70.

The use of Kiesol C ^[basic] is therefore the most efficient procedure for most subsequently placed horizontal barriers.



Injection of masonry for the sealing of cross-sections

Cream application without cavity filling



① MAKING DRILL HOLES

Drill holes with a diameter of 12 cm at a spacing of 12 mm horizontally into the bed joint.

ARH value: 0.20 – 0.30 per m



② CLEANING THE DRILL HOLES

Use oil-free air to blow any drilling dust out of the holes.

ARH value: 0.05 per m



③ INJECTING THE MATERIAL

Use a sealant gun and injection lance or Desoi PowerPump 70 to fill the drill hole with Kiesol C ^[basic].

ARH value: 0.05 – 0.10 per m



④ SEALING THE DRILL HOLES

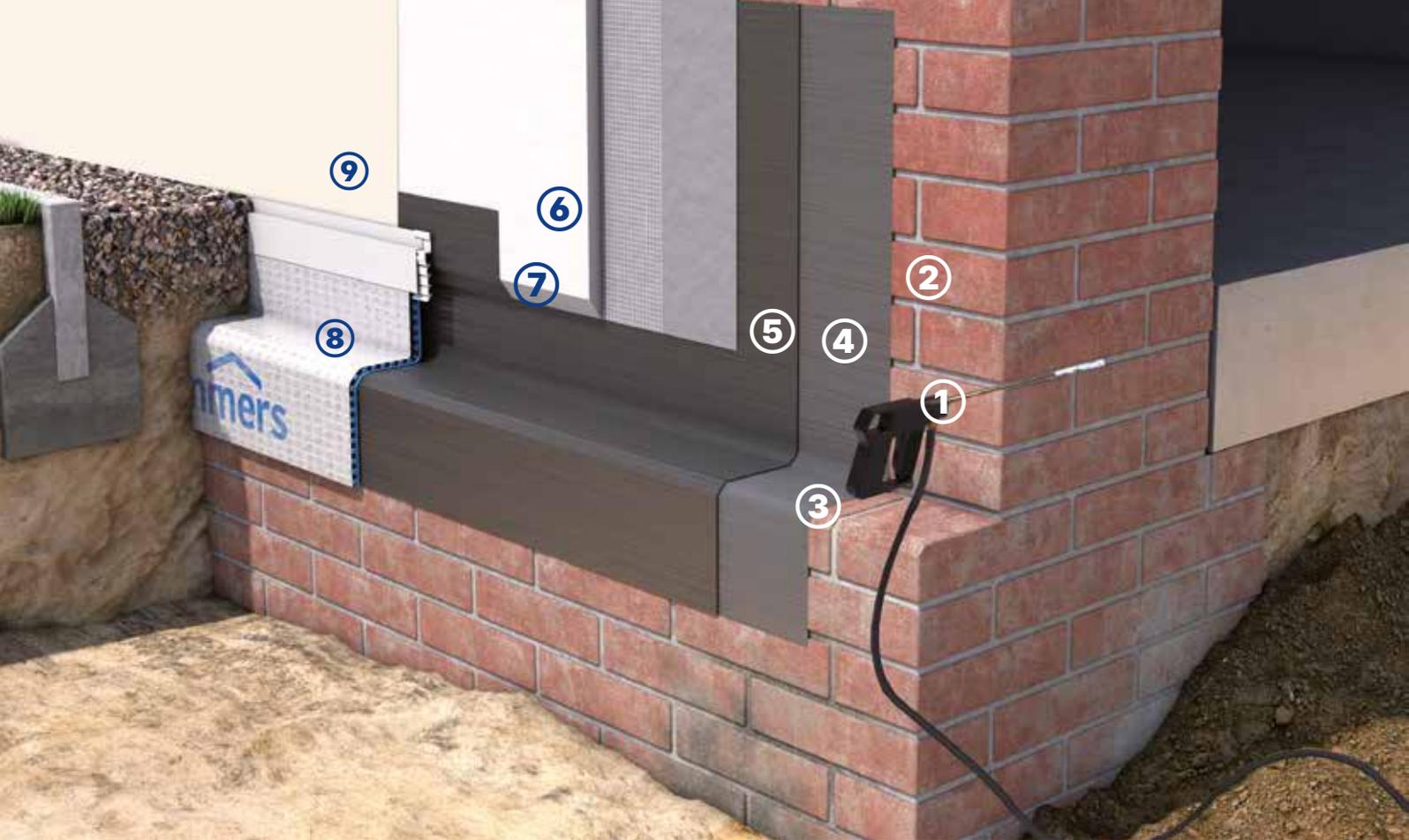
Once injection is complete, seal off the drill holes at the surface using sealing filler WP DS Level.

ARH value: 0.05 per m



⑤ SUPPORTING MEASURES

Create a vertical waterproofing strip WP Sulfatex. Apply to at least 30 cm beyond the level of the drill holes.



Subsequent surface system, single/double-leaf masonry in exterior ground course region (optional)

① PRELIMINARY WORK

Carry out drilling and injection (see steps 1–4 on the previous page). Use WP DS Levell to seal off uneven and missing areas > 5 mm.

② PRIMING (OPTIONAL)

Use Kiesol MB to prime absorbent mineral substrates.

③ SEALING COVE

Create a sealing cove of WP DS Levell.

④ APPLYING THE SCRATCH COAT

Use a smoothing trowel to apply a scratch coat of MB 2K as a contact layer. Apply to at least 30 cm beyond the level of the drill holes.

⑤ APPLYING WATERPROOFING LAYER TO PLINTH WATERPROOFING

Apply an initial layer and waterproofing layer of MB 2K. Apply to at least 30 cm beyond the level of the drill holes. Only apply the second layer once the first layer can no longer be damaged.

⑥ PLINTH RENDER

Apply the reinforcement mortar VM Fill, reinforcement fabric Tex 4/100 and finishing render VM Fill rapid in the area exposed to splashing water.

⑦ RENDER WATERPROOFING

Apply MB 2K as a pore-sealing render waterproofing layer. Apply the waterproofing to at least 5 cm above ground level.

⑧ PROTECTING THE WATERPROOFING

Install DS Protect up to ground level.

⑨ DECORATIVE COLOUR (OPTIONAL)

Use Color PA over plinth render and render waterproofing.



Subsequent surface finish with interior renovation plaster system (optional)

① PRELIMINARY WORK

Remove old render and coatings to 80 cm above the damaged area. Chase out friable joints to a depth of 2 cm. Then seal off the joints and, if necessary, level the substrate using SP Levell.

② DRILLING, INJECTION AND SUPPORTING MEASURES

(see steps 1–5 on page 5)

③ ROUGH CASTING

Broadcast the preparatory mortar SP Prep over the entire surface area of a further waterproofing layer of WP Sulfatex wet-on-wet in the plinth region. Throw SP Prep onto the remaining wall surface as follows. On absorbent substrates, throw on SP Prep in clumps (50% coverage). On weakly absorbent substrates, throw on SP Prep over the entire surface (100% coverage).

④ RENOVATION PLASTER APPLICATION

Apply SP Top White after 24 hours. Use a stainless steel tool to level and work the wet surface. Once incipient stiffening has occurred, rub the SP Top White with a sponge float and a small amount of water, or – optionally – comb it and apply the surface filler SP Fill Q3 over the top.

⑤ SURFACE FINISH (OPTIONAL)

Apply a finishing coat of the diffusion-open special coating Color SP.

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personal response.**



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Subject to changes. The current version
of the applicable Technical Data Sheet is
relevant for legal matters.

Colour variations are possible.

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