



Technical Data Sheet
Art. No. 0727

Kiesol C



Solvent-free, special cream on a silane base
Horizontal barrier against rising masonry damp



Water based



For use indoors
and outdoors



Sealing
compound gun /
aluminium bag
with disposable
injector / Desoi
piston pump
EP-60



Application rate
depends on
application



Shelf-life



Shelf-life



Store frost-free
and cool
protected from/
moisture in
closed containers



Range of use

Kiesol C is used as an injection agent to remedy rising damp in building masonry work. The cream is brought into the masonry work or mortar joints through horizontal boreholes under gravity. Kiesol C can also be used when the degree of moisture saturation is high. It is especially suitable for fair-faced masonry surfaces (brick, natural stone). It is not suitable for aerated concrete.

Property profile

Kiesol C is an aqueous, solvent-free injection cream with an active ingredient content of 80 %.

- Ready to use
- Silane based, solvent-free
- Very high yielding, low application rate
- Optimised for application under gravity
- Easy, fast and reliable
- Suitable for a high degree of moisture saturation
- Application rates can be easily calculated

Characteristic data of the product

Characteristic data of the product in the packaged state

Appearance, consistence:	milky, white, cream form
Active ingredient:	approx. 80 % by weight
Density:	approx. 0.89 g/cm ³
Flash point:	> 100 °C

Directions

Substrate preparation:

Remove old render at least 80 cm above the visible moisture edge. Chase out damaged joints 2 cm deep. Fill open joints with Remmers Undercoat Render. Coat wall surfaces up to 30 cm above the row of boreholes with Remmers Sulfatex Grout in the Remmers Kiesel System (mineral waterproofing with deep protection).

Adjacent surfaces:

Building elements that should not come in contact with the impregnation agent (e.g. glass, lacquered surfaces and surfaces to be lacquered as well as plants should be protected by suitable means (e.g. covered with plastic sheets).

Injection:

Kiesol C is injected through boreholes in the masonry work. The boreholes are usually placed at ground height or floor height. The injection tube, which fits the diameter of the boreholes, is inserted as far as possible into the borehole. By slowly injecting while pulling out the injection tube at the same time, the boreholes should be completely filled.

For practical purposes, the distance between boreholes should be 12 cm with a borehole diameter of 12 mm. The depth of the borehole should be the depth of the masonry minus approx. 2 cm. Before injecting, always remove drilling dust from the boreholes first.

Kiesol C can be used up to a degree of moisture saturation of approx. 95 %.

To prevent evaporation of the active ingredient from the boreholes, these should be closed soon afterwards with Remmers Waterproofing Filler (Art. No. 0426).

Supporting measures:

- Vertical surface waterproofing from the floor slab to approx. 30 cm above the level of the boreholes
- Salt treatment with Remmers Sulfatex Liquid and/or Remmers Salt Inhibitor.
- Depending on the existing load on the masonry work and the requirements regarding utilisation of the room, the materials named above are to be combined with products from the Remmers Restoration Programme.

Observe the Technical Data Sheets for each product.

Working temperature:

Do not apply Kiesol C at temperatures below +5°C or above +30°C.

Tools, cleaning

- a) Drilling equipment, e.g. spiral hammer, SDS Plus or SDS Max bit
- b) Sealing compound gun, e.g. Remmers Sealing Compound Gun Art. No. 470601
- c) Injection Lance Kiesol C, Art. No. 419601
- d) Injection Hose Kiesol C, Art. No. 418001
- e) Injection Set Kiesol C, Art. No. 419501:

(consisting of Sealing Compound Gun, Art. No. 470601 and Injection Lance, Art. No. 419601)

- f) Desoi piston pump EP-60 for 10 l Politainer (made by e.g. DESOI GmbH, 36148 Kalbach/Rhön)

Clean tools immediately with water while the material is still fresh.

Packaging, application rate, shelf-life

Packaging:

550 ml plastic tube bags with screw cap
10 l Politainer,
5 l, 15 l plastic bucket

Borehole depth:

Approx. 20 mm before the end of the masonry work

Application rate:

Borehole diameter:	12 mm
Wall thickness 10 cm Borehole depth: approx. 8 cm App. rate* per m: 8.3 holes	approx. 80 ml
Wall thickness 11.5 cm Borehole depth: approx. 9.5 cm App. rate* per m: 8.3 holes	approx. 100 ml
Wall thickness 24 cm Borehole depth: approx. 22 cm App. rate per m: 8.3 holes	approx. 230 ml
Wall thickness 36 cm Borehole depth: approx. 34 cm App. rate* per m: 8.3 holes	approx. 350 ml
Wall thickness 42 cm Borehole depth: approx. 40 cm App. rate* per m: 8.3 holes	approx. 415 ml

* 10 % safety margin calculated

Application rates will be higher for hollow masonry.

Shelf-life:

In original containers stored cool and frost-free

- 550 ml plastic bags with screw cap at least 6 months
- 10 l Politainer at least 6 months
- 5 l, 15 l plastic buckets at least 12 months

Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet.

Personal protective equipment is required for spraying procedures.

Use respiratory protection with a P2 particle filter (made by, e.g. Draeger). For suitable protective gloves, see Safety Data Sheet. Wear closed work clothes.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

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