Technical Information Sheet
Article No. 0709

Injection Cream

Special cream on a silane/siloxane base in emulsion form for injecting masonry against rising damp.

Range of use

Injection Cream is a hydrophobizing agent used for injecting masonry work against capillary rising damp in a borehole procedure with horizontal boreholes. It is particularly suitable for fair-faced masonry work surfaces (brick, natural stone). For thin interior walls up to 11.5 cm and 17.5 cm thick and hollow brick, sand-lime brick with handling slit. Not suitable for aerated concrete.

Property profile

Injection Cream is a high quality special product that is used for injecting masonry work against capillary rising damp.

- Ready to use emulsion in a cream consistency with a hydrophobizing effect.
- The creamy consistency allows horizontal holes to be drilled into masonry joints and the injection cream will not run out.
- Cavities and hollow spaces can also be treated; they do not need to be closed with Remmers Injection Mortar before they are filled with Injection Cream.
- The cream is easily distributed in porous substrates. It can also be used on neutral building materials.
- Easy to apply with the K-Surface Sprayer and the amount that is applied can be controlled.
- Does not form any salts.

Characteristic data of the product in the packaged state

Active ingredient:	approx. 15% by mass
Density:	approx. 0.84 kg/l
Consistency:	creamy
pH value:	neutral
Flash point:	> + 100 °C.

Working

Substrate pre-treatment:
Remove old render at least 80 cm above the visible moisture edge. Chase out soft or damaged joints 2 cm deep. Bring open joints to the correct depth with Remmers Undercoat Render. Coat wall surfaces from the upper edge of the floor or upper edge of the ground to 30 cm above the row of boreholes with Remmers Sulfatex Grout in the iesol System (mineral waterproofing with deep protection) in two silicification treatments. Distance between boreholes: 10 to 12 cm; drill horizontally in the second course joint.
Borehole depth: thickness of the wall less 3 cm. Treatment is possible up to a degree of approx. 65% moisture penetration. If moisture penetration is greater, drying by thermal convection must be carried out before the masonry work can be injected.

Penetration method:
For pressureless impregnation, the diameter of the boreholes should be approx. the thickness of the joint (as a rule = 20 mm diameter) Apply Injection Cream with the K-Surface Sprayer (remove the filter from the stop valve; extension rod without nozzle) using a pressure of less than 2 bar.

Low pressure method:
When using a low pressure procedure, Injection Cream is injected into the masonry work through drive-in or screw-in packers (metal packers)
When injecting with pressure, suitable equipment with a low pressure gauge and fluid meter should be preferably used.

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Supporting measures:

- Vertical surface waterproofing approx. 30 cm above the row of boreholes.
- Salt treatment using Remmers Sulfatex Liquid and/or Salt Inhibitor
- In dependence of the found load of the masonry and the requirements on the use the mentioned products have to be combined with plaster from the Remmers restoration render programme.
- In the floor connection area or upper edge of the ground, separate the render by a joint and waterproof the floor according to requirements. Use Remmers Universal Render for plinth areas.

Tools and Cleaning

a) Drill, e.g. spiral hammer, drill SDS Plus or SDS Max

b) For pressureless filling, use the K-Surface Sprayer

c) For a low pressure procedure:

- Hübner Airless 1301 VP (b + m Vertrieb GmbH & Co., Obertreuringen, Germany) or
- Surface sprayer with coupler (pressure hose with grab head)

d) Injectors SBV-Schlagpacker, made by Niehaus & Partner, Gildenstraße 2, 48157 Münster, Germany, or Metal Injection Packer No. 4201 with a light pressure valve or Aida Plastic Injectors, Art. No. 4109, with large drive-in inserts, Art. No. 4104

Clean tools and equipment with water while the material is still fresh.

Packaging, application rate, shelf-life

Packaging:
5 l plastic buckets

Application rate:
Application rate per 10 cm wall thickness/1 m wall length: approx. 0.4 l
The diameter of the boreholes and the number of times they must be filled varies depending on the construction and thickness of the wall.

Borehole diameter	Number of times filled
12 mm	4 x
18 mm	2 x
24 mm	1 x

Shelf-life:
At least 1 year in closed, original containers, stored cool but frost-free at a temperature between +5°C and +25%C.

Safety, ecology, disposal

Further information concerning safety during transport, storage and handling as well as for disposal is found in the latest Safety Data Sheet.

Personal protective equipment is required for spraying procedures. Use respiratory protection with a combination filter at least A/P2 (made by e.g. Dräger). For suitable protective gloves, see Safety Data Sheet. Wear closed work clothes.

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