isolera INJECTION CREAM

Highly concentrated injection cream resin/silane-based, solvent-free

Characteristics:
isolera injection cream is a highly concentrated, ready-to-use, silane-based, aqueous injection cream. In masonry, it leads to the hydrophobisation of the capillaries and penetrates into the finest capillaries.

Fields of application:
isolera injection cream is used for subsequent injection against capillary rising damp. Due to the special formulation with a high active ingredient content, it can be used up to moisture penetration levels of 95 %. Due to its cream-like consistency, isolera injection cream can be used without extensive preparatory work, such as filling cavities.

Technical specifications:

Base:	Resin/silane combination
Colour:	white
Working temperature:	from +5 °C - +35 °C
Density:	approx. 0.85 g/cm³
Consistency:	pasty
Solids content:	approx. 85%
Consumption:	depending on the wall thickness

Preparation of the substrate:
The damaged old plaster must be removed at least 80 cm above the visible moisture damage. Sanding, friable, destroyed joints must be scraped out to a depth of at least 2 cm. If necessary, clean the surface mechanically. Any break-outs and open joints must be closed beforehand. Subsequently, drill holes with a diameter of 14 mm at a distance of 10 cm horizontally into the bearing joint. The depth of the drilled hole is wall thickness minus 5 cm
(example: 40 cm wall thickness = 35 cm drilled hole depth). The boreholes must be blown out with oil-free compressed air. When drilling in two rows, a height offset of the boreholes of 8 - 12 cm must not be exceeded. The use of isolera injection cream in pore clay is possible, but since this depends on certain conditions, please contact us in advance.

Processing:
isolera injection cream can be applied almost without pressure using 1C injection equipment or compressed air syringes with injection lances. The injection into the boreholes is carried out from the back to the front, the injection lance is inserted to the end of the borehole and when the injection gun is actuated, it is slowly pulled out of the borehole. Make sure that the borehole is completely filled with isolera injection cream. In case of a double row borehole, the injection starts at the lowest row of boreholes.

Consumption:
12 cm wall thickness: 140 ml / rm
24 cm wall thickness: 330 ml / rm
36 cm wall thickness: 510 ml / rm
48 cm wall thickness: 720 ml / rm

We recommend including a safety margin of at least 10 % in the consumption. As soon as the injection material has been completely absorbed by the masonry, the boreholes are sealed or filled with isolera special mortar. To dry the walls above the injected wall area, make sure that there are no impervious wall paints or coatings; these must be removed if necessary. Ensure sufficient drying conditions, additional measures may be necessary. Depending on the damage pattern and cause, further sealing measures must be taken, e.g. the application of a diffusion-open restoration plaster, an exterior building seal or interior building seal with isolera product systems.

Cleaning the tools:
Clean tools and equipment with water immediately after application. Observe the instructions in WTA Data Sheet "4-4-04 Masonry Injection".

Storage life:
6 months (cool, frost-free and dry in the original container). In case of partial withdrawal, place a cover sheet on the remaining residue without major air inclusions.

Delivery form:
10 l plastic bucket, 60 containers per pallet other container sizes available on request.

Hazard statements:
Not a hazardous substance as defined by the Ordinance on Hazardous Substances.

Further information can be found in the safety data sheet.

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