isolera INJECTION CREAM

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

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

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

Technical data:

Base:	special silanes
Colour:	white / yellowish
Processing temperature:	from +5 °C
Density	approx. 0.91 g/cm³
Consistency:	pasty
Active substance content:	approx. 80 %
Consumption:	depending on the wall thickness

Preparation of the substrate:
The damaged old plaster must be removed at least 80 cm above the recognisable moisture damage. Sanding, friable, damaged joints must be scraped out to a depth of at least 2 cm. If necessary, clean the surface mechanically. Chips and open joints must be closed in advance. Then drill holes with a diameter of 12 - 16 mm at intervals of 8 - 12 cm horizontally into the bed joint. The depth of the drill hole is the wall thickness minus 5 cm (example: 40 cm wall thickness = 35 cm drill hole depth). The drill holes must be blown out with oil-free compressed air. When drilling in two rows, the height offset of the drill holes must not exceed 8 - 12 cm. The use of isolera injection cream in aerated concrete is possible, however, as this is dependent on certain conditions, please consult us in advance

Processing:
isolera injection cream can be applied almost without pressure using 1C injection devices or compressed air syringes with injection lances. Injection into the drill holes is carried out from the back to the front. To do this, the injection lance is inserted to the end of the drill hole and when the injection gun is activated, it is slowly pulled out of the drill hole. Ensure that the drill hole is completely filled with isolera injection cream. In the case of double-row drilling, injection begins at the bottom row of drill holes.

Consumption:
approx. 1.5 kg / per linear metre and m² of wall cross-section.

Example:

36 cm wall thickness: 540 ml

48 cm wall thickness: 720 ml

We recommend factoring a safety margin of at least 10 % into the consumption. As soon as the injection material has been completely absorbed or soaked up by the masonry, the drill holes are sealed or filled with isolera special mortar. To dry the walls above the injected wall area, make sure that there are no dense wall paints or coatings; these must be removed if necessary. Sufficient drying conditions must be ensured and additional measures may be necessary. Depending on the damage and cause, further sealing measures may be required, such as the application of a diffusion-open restoration plaster, external waterproofing or internal waterproofing with isolera product systems.

Cleaning the tools:
Clean tools and equipment with water immediately after use. Observe the instructions in WTA data sheet "4-4-04 Masonry injection".

Shelf life:
12 months (cool, frost-free and dry in the original container).

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

Hazard warnings:
Not a hazardous substance in the sense of the Hazardous Substances Ordinance.

Further information can be found in the safety data sheet.

isolera BAU & ABDICHTUNGS SYSTEME

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