

Injection Cream Plus

masonry | injection cream | rising moisture | hydrophobization



Short information

- silane-based
- highly concentrated injection agent
- for non-pressurised subsequent sealing against capillary rising moisture
- applicable for moisture penetration up to 95 %

Consumption

- approx. 0.77 kg/m2 wall cross-section with a drill hole diameter of 12 mm and 8 drill holes per running meter.

Storage note



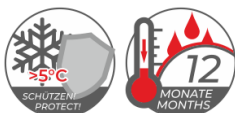
- store cool, frost-free and dry
- in originally sealed containers
- storable for 12 months

Complementary products

Follow-up products

- pressure sprayer Gloria 405/410T

Content	Item	EAN code	Colour	sufficient for:
5 kg / bucket	6800000587	4 017228 00880 6	white-yellowish	approx. 2.9 linear metre per m2 of wall cross-section



Areas of application

BORNIT® Injection Cream Plus is used for subsequent injection against capillary ascending moisture. With its special formulation with a high active-agent content, it can still be used up to a degree of moisture penetration of 95 %. With its creamy consistency, BORNIT® Injection Cream Plus can be applied without elaborate preparation, like filling cavities.

Product data in brief

Base
Density at +20 °C
colour(s)
Consistency
Processing temperature (ambient and substrate)
storage
Shelf life
Active agent content

special silanes
approx. 0.89 g/cm³
yellowish
pasty
min. +5 °C

store cool, frost-free and dry
in originally sealed containers storable for 12 months
approx. 83 %

Type and properties

BORNIT® Injection Cream Plus is a high-quality, ready-to-use, silane-based, aqueous injection cream. In the masonry it leads to the hydrophobization of the capillaries.

Advantages

- ready for application
- creamy consistency
- silane-based
- hydrophobic, thus no clogging of pores
- no previous filling of cavities required
- high penetration properties into smallest capillaries
- applicable at degrees of moisture penetration up to 95 %
- no formation of foreign salts
- very high active-agent concentration
- to be applied without pressure

Surface

Remove defective old plaster at least 80 cm around the noticeable moisture damage. Scratch out sanding, friable, destroyed joints down to at least 2 cm. If applicable, clean the surface mechanically. Breakups and open joints must be closed with BORNIT® Sealing Mortar in advance. After removal of the plaster, treat the masonry with BORNIT® Anti-Sulphate. Then drill horizontal drill holes with a diameter of 12–16 mm at a distance of 8–12 cm into the horizontal joint. The depth of the drill hole is the wall thickness minus 5 cm (for example: 40 cm wall thickness = 35 cm drill hole depth). The drill holes must be thoroughly blown out with oil-free compressed air or using a vacuum cleaner. Upon using two rows of drill holes, a height offset of the drill holes of 8–12 cm must not be exceeded. Using BORNIT® Injection Cream Plus in porous concrete is possible, since this, however, depends on certain prerequisites, please contact our application engineers in advance.

Processing

BORNIT® Injection Cream Plus can be processed almost without any pressure using 1K injection equipment or compressed-air spraying equipment with injection lances. Injection into the drill holes is undertaken from back to front, for that, the injection lance (for e.g. pressure sprayer Gloria 405/410T) is inserted right down to the end of the drill hole and, while operating the injection gun, it is slowly retracted from the drill hole. It must be observed that the drill hole is completely filled with BORNIT® Injection Cream Plus. When using two rows of drill holes, start injections in the bottom-most row of drill holes. After drying, close the drill holes with BORNIT® Sealing Mortar. In order to promote drying of the walls above the injected wall areas, it must be observed that there are no dense wall coats or coatings, if applicable, these have to be removed. Provide for sufficient drying conditions, additional measures might be required.

Depending on the actual damage and cause, further waterproofing measures must be undertaken, as, e.g., application of renovation plaster permitting diffusion, exterior waterproofing or interior waterproofing of the construction object using BORNIT® product systems.

Consumption

approx. 0.77 kg/m² wall cross-section with a drill hole diameter of 12 mm and 8 drill holes per running meter.

tabA # 20 # 25

Wall thickness # tab # Consumption with a drilling diameter of 12mm and 8 holes per running meter.

11.5 cm # tab # approx. 0.09 kg

24.0 cm # tab # approx. 0.19 kg

36.0 cm # tab # approx. 0.30 kg

48.0 cm # tab # approx. 0.41 kg

We recommend calculating a safety margin of at least 10 % into the consumption. As soon as the injection material has been completely absorbed or soaked up, resp., by the masonry, the drill holes are closed or filled, resp., with BORNIT® Drill Hole Filler.

Health and fire protection, occupational safety

To ensure safe handling of the product, the physical, safety, toxicological and ecological information provided online, the information in the current safety data sheet and the additional information on the label must be read and followed before purchasing or using the product! The applicable regulations, ordinances and laws must be complied with.

In case of doubt, please contact the BORNIT® application technology department or the BORNIT® service hotline on +49 375 2795 123.

Warning notices

UN-number No dangerous good in sense of these transport regulations.

EUH-records EUH208: Contains 2-methyl-2H-isothiazol-3-one; 1,2-benzisothiazol-3(2H)-one; mixture of:
5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

Recommended, personal
protective equipment:



Disposal note

Only recycle completely empty containers. Material residues can be disposed of according to AVV-ASN: 070208 (other reaction and distillation residues).

Note

This data sheet supersedes all previous technical information relating to the product. Such information is therefore no longer valid. The details have been compiled in accordance with the latest state of the art in application technology. Please note, however, that depending on the condition of the building, it may be necessary to deviate from the working methods recommended in this data sheet. Unless otherwise agreed in an individual contract, all information contained in this data sheet is non-binding and therefore does not constitute an agreed product specification. We reserve the right to make changes to the information contained in this data sheet at any time. We recommend that you check our website www.bornit.de for any updates.

The product illustrations are to be regarded as examples. No legally binding claim can be derived from them. We reserve the right to make changes to the product's appearance.

Our packaging complies with the relevant legal requirements and with Regulation (EU) 2025/40 on

packaging and packaging waste (PPWR). The technical documentation in accordance with Annex VII is available and can be provided on request by emailing info@bornit.de.