SERVICE-HOTLINE +49 375 2795 123

Anti Sulphate

deep primer | polymer- and silicate-based | masonry renovation | basement waterproofing



Short information

- polymer- and silicate-based deep-penetrating primer
- free from organic solvents (solvent-free)
- low requirement of equipment, material and labor

Consumption

- as a deep-penetrating primer approx. 100 – 130 g/m2; in case of highly absorbent substrates, consumption could double

Storage note

- sensitive to frost
- in originally sealed containers storable for 12 months

Complementary products

Follow-up products

- BORNIT® Slurry SF

Content	Item	EAN code	Colour	sufficient for:
1 kg / bottle	6900002779	4 017228 00478 5	transparent	7,69 bis 10,0 m2
10 kg / canister 60 canister (600 kg) / euro pallet	6800000410	4 017228 00462 4	transparent	76,9 - 100,0 m2



Areas of application

BORNIT® Anti-Sulphate is used for solidifying and for reducing absorbency of mineral substrates. With its low viscosity, it penetrates deep into the substrate and prevents scaling. It is suitable as a measure for masonry rehabilitation and subsequent basement waterproofing against mortar-destroying salts and efflorescence. It reduces the risk of salt efflorescence occurring again under Renovation Plasters. Furthermore, BORNIT® Anti-Sulphate serves surface hardening of concrete, masonry (joints), plaster (lime and cement plasters) and sandstone.

Product data in brief

Product type	Polymer- and silicate-based façade waterproofing
Density at +20 °C	approx. 1,10 g/cmł
Solvent	water
Application	brushing, spraying
colour(s)	transparent – light
Consistency	thin liquid
Processing temperature (ambient and substrate)	min. 5 °C
PH-value	10
storage	sensitive to frost
Shelf life	in originally sealed containers storable for 12 months
Substances hazardous to health in terms of the ordinance on hazardous materials	also see “Health and fire protection, occupational safety”
Hazard class according to ADR	none
Cleaning	immediately after use with water
Film-forming components	8 %
Boiling start and Boiling range	+100 °C
surface	slightly sticky

Type and properties

BORNIT® Anti-Sulphate is a thin-liquid polymer- and silicate-based combination product. Using BORNIT® Anti-Sulphate, the water-soluble, mortar-decomposing salts, such as sulphates and chlorides, are inactivated by enclosing them, and thus converted into insoluble or poorly soluble, resp., compounds, so that they cannot cause any destruction anymore. With its solidifying effect and hydrophobic properties, the chemical and mechanical resistance of mineral construction materials is increased, and the re-occurrence of salt efflorescence is avoided. Not suitable for gypsum substrates.

Advantages

·free from organic solvents (solvent-free)
·easy to apply, requiring minimal equipment, materials and labour

Surface

The mineral substrate must be clean, firm and free from separating substances, oils and greases. Voids and depressions must be removed. Masonry must be fully grouted. The substrate must be moistened prior to application. Standing water must be removed. Dusty and salt-damaged substrates must be primed with BORNIT® Basic Primer. Rigid mineral sealing slurries are not capable of bridging crack formation. Therefore, it must be ensured that no crack movements occur in the substrate.

Processing

BORNIT® Anti-Sulphate can be brushed on and sprayed on. During the hardening phase, the ambient and substrate temperatures must not drop below 0 °C. Salts migrating to the surface during the hardening period must be removed using brushes.

Consumption

As a deep-penetrating primer approx. 100 – 130 g/m2. In case of highly absorbent substrates, consumption could also double, for more exact determination, prepare test surfaces at the respective structure on site.

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.
Recommended, personal protective equipment:	

Disposal note

Only recycle completely empty containers. Material residues can be disposed of according to AVV-ASN: 060299 (used alkaline solutions (lyes)).

Note

This datasheet replaces any previous technical information about the product. Thus, this information is no longer valid. The details have been compiled according to the latest state of application technology. Please observe, however, that, depending on the state of the construction object, deviations from the method of application suggested in the datasheet may be required. Unless agreed otherwise in individual contracts, any information contained in the datasheet shall be non-binding and thus does not represent an agreed product constitution. We reserve the right to any changes in the information contained in this datasheet anytime. We recommend informing yourself about possible changes on our website www.bornit.de.