SERVICE-HOTLINE +49 375 2795 123

# Silo Primer

*bitumen | primer | base coat | solvent-containing | silo protection | silo*




## Short information

- solvent-based bitumen primer
- for the preparation of the substrate for concrete and masonry surfaces
- brushable and sprayable
- tested in compliance with AIB

## Consumption

- approx. 0.2 l/m2 (depending on the absorbency of the substrate, the consumption can vary up or down, resp.).

## Storage note

- product is not sensitive to frost
- keep away from ignition sources!
- in originally sealed containers storable for 12 months

## Complementary products

### Cleaning

- BORNIT® MultiClean
- BORNIT® MultiClean Spray
- BORNIT® Bitumen Cleaner

### Follow-up products

- BORNIT® Silo Coating

| Content | Item | EAN code | Colour | sufficient for: |
|---|---|---|---|---|
| 10 l / bucket<br>45 bucket (450 l) / euro pallet | 6900002638 | 4 017228 00418 1 | black | approx. 50 m2 |
| 25 l / bucket<br>18 bucket (450 l) / euro pallet | 6900002637 | 4 017228 00419 8 | black | approx. 125 m2 |
| 200 l / barrel<br>2 barrel (400 l) / barrel pallet | 6900002636 | 4 017228 00420 4 | black | approx. 1000 m2 |

Praxis Tipp
*Stir before use!*



## Areas of application

BORNIT® Silo Primer is a water-repellent primer, especially developed for the application of BORNIT® Silo Coating, with good adhesion to concrete, plaster, masonry or metal. BORNIT® Silo Primer is characterised by intensive pore wetting and dust binding of the substrate.

## Product data in brief

| | |
|---|---|
| Product type | bitumen primer |
| Base | bitumen, white spirit |
| Density at +20 °C | 0.89 - 0.91 g/cmł |
| Solvent | white spirit |
| Application | small or large brush, spraying equipment (airless) |
| colour(s) | black |
| Consistency | spreadable, sprayable |
| Processing temperature (ambient and substrate) | from +5 °C to max. +35 °C |
| rainfast | max. 3 hours |
| Thorough hardening time | max. 6 hours |
| storage | product is not sensitive to frost<br>keep away from ignition sources! |
| Shelf life | in originally sealed containers storable for 12 months |
| GISCODE | BBP30 |
| VOC content | 2004/42/EG h/Lb: 750 g/l < 450 g/l |
| Acc. to Industrial Safety Regulation (BetrSichV) | flammable |
| Cleaning | BORNIT® MultiClean Spray, BORNIT® MultiClean or BORNIT® Bitumen Cleaner |
| Boiling start and Boiling range | > +150 °C |
| Flash point | 3.00 - 43.0 °C |
| Upper/lower explosion limit | 6,4 - 0,67 Vol-% |

## Type and properties

BORNIT® Silo Primer is a spreadable and sprayable, solvent-containing bitumen primer. Due to its low viscosity and its high penetrating capability, BORNIT® Silo Primer solidifies the substrate, binds dust and loose particles, compensates for different absorbencies of the substrate and serves as bonding agent for subsequent sealing with BORNIT® Silo Coating. Tested according to AIB.

## Advantages

·high penetrating capability into the substrate
·easy to handle, since manufactured ready for use
·good adhesive properties, quick-drying

## Surface

The substrate must be dry, clean and grease-free. Loose particles, defective concrete and plaster as well as cracks and holes must be repaired in advance.

**Processing**
BORNIT® Silo Primer is manufactured ready for use and must be stirred up prior to processing!

**Consumption**
approx. 0.2 l/m2 (depending on the absorbency of the substrate, the consumption can vary up or down, resp.).

**Health and fire protection, occupational safety**
Caution - Only use in well-ventilated outdoor areas. Not suitable for use in closed rooms or poorly ventilated pits!
Do not eat, drink or smoke while working, keep away from sources of ignition.

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**

| | |
|---|---|
| GISCODE | BBP30 |
| UN-number | UN 1993 |
| Hazard pictograms |  |
| Signal word | Danger |
| Hazard-determining components for labelling | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, <2% aromatics |
| H-records | H226: Flammable liquid and vapour.<br>H304: May be fatal if swallowed and enters airways.<br>H336: May cause drowsiness or dizziness. |
| EUH-records | EUH066: Repeated exposure may cause skin dryness or cracking. |
| P-records | P102: Keep out of reach of children.<br>P261: Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P271: Use only outdoors or in a well-ventilated area.<br>P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.<br>P331: Do NOT induce vomiting.<br>P403 + P233: Store in a well-ventilated place. Keep container tightly closed. |
| Recommended, personal protective equipment: |  |

**First aid UFI-Code: 1UA0-X0R3-F00R-5EP5**

Safety Data Sheet Poison Information Centre , 24h: +49-361-730730
ERFURT - Poison Control Centre Erfurt, Joint Poison Information Centre of the federal States of Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia; ggiz@ggiz-erfurt.de; www.ggiz-erfurt.de

- What: name of the substance or product as precisely as possible, etc.
- How much: as exact a quantity as possible
- Who: Age, weight, sex and condition of the person(s) concerned.
- When: Time of the event
- Where: Place of occurrence
- How: ingestion, inhalation, skin contact, etc.
- Why: accidentally or intentionally

National notified bodies - Poisoncentres - ECHA (europa.eu)Harmonised Submission of Information to Poison Centres According to Annex VIII to the CLP Regulation

**Disposal note**

Only recycle completely empty containers. Material residues can be disposed of according to AVV-ASN: 080409* (adhesive and sealing compound residues containing organic solvents or other hazardous substances).

**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.