SERVICE-HOTLINE +49 375 2795 123

Grundbit

bitumen | polymer | primer | base coat | water-based | interior



Short information

- free from organic solvents (solvent-free)
- outstanding bond strength (on metal)
- frictional adhesion
- economical use
- reclosable packaging

Consumption

- approx. 0.2 l/m2 (depending on the absorbency of the substrate)

Storage note

- not tempered below +2 °C to max. +30 °C
- sensitive to frost!
- in originally sealed containers storable for 12 months

Complementary products

Cleaning

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

Follow-up products

- BORNIT® Dachbit
- BORNIT® Flexbit
- BORNIT® Unibit
- Bitumen roofing sheets and welding membranes

Content	Item	EAN code	Colour	sufficient for:
5 l / bucket 60 bucket (300 l) / euro pallet	6900002527	4 017228 00292 7	black	approx. 25 m2
10 l / bucket 44 bucket (440 l) / euro pallet	6900002529	4 017228 00293 4	black	approx. 50 m2
25 l / Hobbock 18 Hobbock (450 l) / euro pallet	6900002666	4 017228 00294 1	black	approx. 125 m2

Praxis Tipp

Wetting tools with water before use considerably extends their service life! Stir briefly before application.



Areas of application

BORNIT® Grundbit is used as a bonding agent for priming substrates prior to applying welded sheets or as primer for subsequent bitumen emulsion coatings (e.g. BORNIT® Flexbit, BORNIT® Unibit or BORNIT® Dachbit). The product can be used indoors and outdoors on substrates common in construction which are bitumen- compatible (e.g. concrete, masonry, plaster, metal or old bitumen sheets).
BORNIT® Grundbit corresponds to the requirements according to the “Flat roof guidelines” of ZVDH (Central Association of the German Roofing Trade) and the “Technical rules ABC for bitumen sheeting” of vdd (Industry Association for Roofing and Waterproofing Membranes).
Note: According to a circular of Bau-BG (building trade association) (11/05), using emulsion-based bitumen primers (BORNIT® Grundbit) is expressly recommended for work in interior spaces!

Product data in brief

Product type	bitumen emulsion
Base	elastomers, bitumen, additives
Density at +20 °C	approx. 1.00 g/cmł
Solvent	water
Application	pressure sprayers, spraying equipment, wide brush, roller
colour(s)	fresh brown, dried black
Consistency	thin liquid
Processing temperature (ambient and substrate)	+5 °C up to +30 °C
PH-value	11.0 - 11.5
storage	not tempered below +2 °C to max. +30 °C sensitive to frost!
Shelf life	in originally sealed containers storable for 12 months
GISCODE	BBP10
GISCODE link comp. A	https://www.wingisonline.de/showbetrandoc.aspx?gisbaunr=4/00000018210/000009&docid=1995&lang=de
Hazard class according to ADR	none
Cleaning	in the fresh state with water, in the hardened state with BORNIT® MultiClean Spray, BORNIT® MultiClean or BORNIT® Bitumen Cleaner

Type and properties

BORNIT® Grundbit is a polymer modified bitumen primer with excellent adhesive properties on substrates common in construction.
The product is free from organic solvents (solvent-free).

BORNIT® Grundbit meets the requirements (Annex 313 / Items 10.1 and 10.2 – Bitumen-based building products) of the state quality label for sustainable buildings (Quality Label for Sustainable Buildings (QNG)). The label is issued by the German Federal Ministry for Housing, Urban Development and Construction.

Advantages

·free from organic solvents (solvent-free)
·excellent adhesive strength (also on metal)
·strong adhesion
·economical consumption
·resealable containers

Surface

The surface must be clean and free from oil and grease. Loose particles are removed, damaged areas, cracks and holes should be repaired before. The surface may be slightly damp, but not wet.
Observe when use on metal surfaces necessarily: The surface must be clean, dry and oil- and grease-free. If necessary degrease and roughen the metal.

Processing

BORNIT® Grundbit is processed cold. Stir briefly before application.
The primer can be applied to the substrate by brushing it on, rolling it on or spraying it on. It is recommended to moisten the tool slightly prior to processing.
The product must not be processed at ambient and object temperatures below +5 °C and above +30 °C. BORNIT® Grundbit must never be applied in case of rain, too high air humidity (mist) or frost (sensitive to frost!). Until complete drying, the coating must be protected from rain and frost.
Clean the tools with water immediately after use.
Prior to applying the welded sheeting, make sure that BORNIT® Grundbit is completely and thoroughly dry.
The drying time depends on the weather, the ambient and substrate temperatures as well as the absorbency of the substrate. At +20 °C, it is approx. 2 hours.
On metal substrates, the drying time can be prolonged, depending on the weather.

Consumption

approx. 0.2 l/m2 (depending on the absorbency of the substrate)

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

GISCODE	BBP10
UN-number	No dangerous good in sense of these transport regulations.
Hazard-determining components for labelling	1,2-Benzisothiazol-3(2H)-on
EUH-records	EUH208: Contains 1,2-Benzisothiazol-3(2H)-on. 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: 080410 (adhesive and sealing compound residues, except for those falling under 080409).

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.