SERVICE-HOTLINE +49 375 2795 123

Bitumen Coating

bitumen | coating | bitumen solution | against ground dampness



Short information

- solvent-based bituminous coating
- for protection of concrete surfaces, plaster and masonry
- against ground dampness
- can be brushed or sprayed-on
- good opacity with one coating already
- easy to handle, since manufactured ready for use
- a wide range of applications
- good adhesive properties

Consumption

- approx 0.4 litres/m2 per coat (2 coats recommended)

Storage note

- +5 °C, product is not sensitive to frost
- in originally sealed containers storable for 12 months

Complementary products

Priming
- BORNIT® Bitumen Primer

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

Content	Item	EAN code	Colour	sufficient for:
5 l / bucket 75 bucket (375 l) / euro pallet	6900002625	4 017228 00397 9	black	approx. 12,5 m2
10 l / bucket 45 bucket (450 l) / euro pallet	6900002624	4 017228 00398 6	black	approx. 25 m2
25 l / bucket 18 bucket (450 l) / euro pallet	6900002623	4 017228 00399 3	black	approx. 62,5 m2
200 l / barrel 2 barrel (400 l) / barrel pallet	6900002622	4 017228 00400 6	black	approx. 500 m2



Areas of application

BORNIT® Bitumen Coating is a bitumen solution with high penetrating capability and good opacity. BORNIT® Bitumen Coating protects building components with concrete, brick or plaster surfaces against ground moisture.
For bonding enhancement on concrete, masonry or plaster, BORNIT® Bitumen Primer should be used as a primer. BORNIT® Bitumen Coating also adheres well to wood and metal. It is not suitable for application on expanded or extruded polystyrene.

Product data in brief

Product type	unfilled bitumen coating
Base	bitumen, solvent
Density at +20 °C	0.90 - 0.93 g/cmł
Solvent	white spirit
Application	with roller, spraying equipment (airless), wide brush, etc.
colour(s)	black
Consistency	liquid
Processing temperature (ambient and substrate)	min. +5 °C, but not sensitive to frost!
Thorough hardening time	6-8 hours at +20 °C
storage	+5 °C, product is not sensitive to frost
Shelf life	in originally sealed containers storable for 12 months
GISCODE	BBP30
VOC content	2004/42/EG g/Lb: 350 g/l < 350 g/l
Hazard class according to ADR	Flammable liquids (Flam. Liq. 3)
Acc. to Industrial Safety Regulation (BetrSichV)	flammable
Cleaning	BORNIT® MultiClean Spray, BORNIT® MultiClean, BORNIT® Bitumen Cleaner
Film-forming components	approx. 60 %
Boiling start and Boiling range	> +150 °C
Flash point	36.0 °C
Fillers	none

Type and properties

BORNIT® Bitumen Coating is a solvent-containing, spreadable and sprayable, unfilled bitumen-based coating material and is processed cold.

Advantages

·good opacity with one coating already
·easy to handle, since manufactured ready for use
·a wide range of applications
·good adhesive properties
·efficient to apply, due to low equipment and material costs and effort

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. BORNIT® Bitumen Coating adheres to all substrates common in construction. Use BORNIT® Bitumen Primer as primer.

Processing

BORNIT® Bitumen Coating can be processed at normal temperatures without warming up. Stir up BORNIT® Bitumen Coating prior to processing! The processing temperature (ambient and substrate temperature) should not be below +5 °C and not above +35 °C. In the cold season, store the product at room temperature prior to processing. BORNIT® Bitumen Coating is applied to the substrate with a small or large brush or spray device. Recommended coating sequence: one priming coat with BORNIT® Bitumen Primer and two topcoats with BORNIT® Bitumen Coating.
Do not use in closed rooms!

Consumption

approx 0.4 litres/m2 per coat (2 coats recommended)

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	Warning
Hazard-determining components for labelling	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics; Hydrocarbons, C9, aromatics

H-records	H226: Flammable liquid and vapour. H336: May cause drowsiness or dizziness. H412: Harmful to aquatic life with long lasting effects.
EUH-records	EUH066: Repeated exposure may cause skin dryness or cracking.
P-records	P102: Keep out of reach of children. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P271: Use only outdoors or in a well-ventilated area. P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor. P331: Do NOT induce vomiting. P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
Recommended, personal protective equipment:	

First aid UFI-Code: U4D0-J032-2005-3JE4

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.