SERVICE-HOTLINE +49 375 2795 123

Sealing Mortar

ready-mix mortar | wall | floor | joint coves | basement construction



Short information

- ready-mix mortar
- for making wall/floor joint coves in basement construction
- for making waterproof plasters
- after curing water-repellent and frost-resistant

Consumption

- approx. 1.8 kg/m2 per mm of layer thickness
- approx. 2.5 kg/linear metre of hollow fillet at a radius of 5 cm

Storage note

- dry
- in originally sealed containers storable for 12 months

Complementary products

Priming
- BORNIT® Stick Emulsion

Follow-up products
- BORNIT® Stick Emulsion
- BORNIT® Slurry SF

Content	Item	EAN code	Colour	sufficient for:
25 kg / bag 40 bag (1000 kg) / euro pallet	6800000358	4 017228 00460 0	grey	approx. 16 - 25 m2 at 1 mm layer thickness



Areas of application

BORNIT® Sealing Mortar is used for executing the connecting fillets between walls and floors in basement construction, for producing sealing plasters, as a waterproof masonry and joint mortar as well as a repair mortar for concrete and masonry.
Adding stick emulsion results in a very good repair mortar for concrete and screed surfaces.

Product data in brief

Product type	waterproof ready-mix mortar
Density at +20 °C	approx. 1.30 g/cm³ Bulk density
Solvent	none
Application	smoothing trowel
colour(s)	grey
Consistency	after mixing, apply using a trowel
Processing time	3 hours
Thorough hardening time	high strength after 24 hours
PH-value	11.0 - 13.0
storage	dry
Shelf life	in originally sealed containers storable for 12 months
Substances hazardous to health in terms of the ordinance on hazardous materials	contains cement, therefore alkaline reactions, for more information see
Hazard class according to ADR	none
Cleaning	in the fresh state with water, in the hardened state mechanically
Mortar raw density	approx. 1.8 g/cm³
Revisable	after 24 hours
Compressive strength (24 h)	? 10 N/mm2
Flexural strength	? 2.5 N/mm2

Type and properties

BORNIT® Sealing Mortar is a waterproof ready-mix mortar with very good adhesion to the substrate. Simply mixing it with water produces a smooth, well-processable thick mortar, which provides high tensile adhesive and strength values after 24 hours already. After thorough hardening, the mortar is waterproof and frost-resistant. BORNIT® Sealing Mortar complies with EN 998-1.

Advantages

·good adhesion to substrates common in construction, also to old structures
·low equipment and material costs and effort
·waterproof and frost-resistant after thorough hardening

Surface

The substrate must be firm, clean and mineral-based.

Processing

Processing recommendations:

Mix 25 kg of sealing mortar into 2.5-2.9 l of water + 1 kg of BORNIT® Stick Emulsion.
Upon processing without the stick emulsion, add 1 litre of water more.

Prior to executing the hollow fillet in the basement area, prime with BORNIT® Slurry SF. Upon surface plastering, we recommend applying a coarse plaster layer beforehand. Apply with respective layer thicknesses using a jointer trowel (for fillets) or a trowel (for surface plastering), resp. The mortar remains processable for about 3 hours.

Consumption

approx. 1.8 kg/m2 per mm of layer thickness
approx. 2.5 kg/linear metre of hollow fillet at a radius of 5 cm

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.
Hazard pictograms	
Signal word	Danger
Hazard-determining components for labelling	Portland cement
H-records	H315: Causes skin irritation. H318: Causes serious eye damage. H335: May cause respiratory irritation.
P-records	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P260: Do not breathe dust/fume/gas/mist/vapours/spray. P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a doctor.
Recommended, personal protective equipment:	

CE marking

CE

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1035/2026

EN 998-1:2010 ZA.1
Normal plaster mortar (R)

Compressive strength after 28 days	CS IV
Capillary water absorption	WO
Tensile adhesive strength	>= 1.5 N/mm2
	Fracture pattern A/B
Water penetration depth	NPD
Coefficient of water vapour	μ <= 20
Fire behaviour	A1

Disposal note

Only recycle completely empty containers. Material residues can be disposed of according to AVV-ASN: 170101 (concrete).

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.