

Coldmix Asphalt (bag)

asphalt mix | potholes | frost cracks | repairs | cold mix asphalt



short information

- solvent-free asphalt mix
- ready to use, cold workable
- for quick elimination of pot holes, frost buckling damage and other road surface damage
- compaction by vibrating plate or pounder and moving traffic
- Grain size 0 to 5 mm

consumption

- approx. 25 kg/m² for a layer thickness of 1 cm

storage note



- cool, protect from direct solar irradiation
- in originally sealed containers storable for 12 months

complementary products

priming

- BORNIT® Bitumen Primer Spray

cleaning

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

follow-up products

- BORNIT® Reactive Asphalt
- BORNIT® Pounder
- Vibrating plate
- Vibrating roller

content

25 kg / bag
40 bag (1000 kg) / pallet

item

6800000440

EAN code

4 017228 00709 0

colour

black

sufficient for:

approx.1 m² (at 1 cm of layer thickness)



areas of application

BORNIT® Coldmix Asphalt is used for maintenance and repair of asphalt roads. Main areas of application are fast closing of potholes and frost damages, filling of voids during repair work as well as equalising the surface around road installations (manholes, etc.). Due to its positional stability, BORNIT® Coldmix Asphalt is not to be used for traffic areas exposed to high point and/or linear loads (e.g. pedestrian zones, shopping centres, parking levels, mastic asphalt surfaces, storage spaces with forklift truck traffic, etc.). For these areas, BORNIT® Reactive Asphalt is recommended.

product data in brief

product type	ready mixed asphalt
base	bituminous binder with fine gravel
density at +20 °C	approx. 1.4 – 1.8 g/cm ³
solvent	none
application	shovel, smoothing trowel, pounder, vibratory plate, vibratory roller
colour(s)	black
consistency	granules
processing temperature (ambient and substrate)	not below -5 °C
thorough hardening time	immediately passable after compaction
storage	cool, protect from direct solar irradiation
shelf life	in originally sealed containers storable for 12 months
GISCODE	RepA30
substances hazardous to health in terms of the ordinance on hazardous materials	none
hazard class according to ADR	none
cleaning	BORNIT® MultiClean Spray, BORNIT® Multiclean, BORNIT® Bitumen Cleaner

type and properties

BORNIT® Coldmix Asphalt is a road construction material for stockpiling and consists of a mixture of high-quality chippings with a bituminous binding agent, added natural rapeseed oil as well as high-quality adhesives, which additionally enhance adhesion.

The separating effect of the water contained in the emulsion prevents sticking together of the chippings during storage, whereby the mix remains pourable and retains the softness required for processing.

advantages

- cold workable
- no mixing times
- not sensitive

surface

The substrate must be free from loose particles, standing water, ice, snow, dirt or any separating agents. Upon application on concrete, for thin layers or in order to improve adhesion, it is recommended to prime the substrate and the edges of asphalt with BORNIT® Bitumen Primer Spray. Using the special spraying can with the user-friendly 360° tilting valve, small surfaces can be primed without any problem without having to use further tools. The product penetrates well into the substrate, has a dust-binding effect and dries faster than conventional bitumen primers. After complete drying of the primer, the application of BORNIT® Coldmix Asphalt can be started.

processing

Due to its particular properties, which make it largely weather-independent, BORNIT® Coldmix Asphalt can be applied almost during the entire year. Rain, moisture and light frost are no obstacles to performing urgent repairs. During the cold season, the material should be stored in a moderately warm room (> +10 °C) for better processing. Processing should only be stopped at temperatures below -5 °C. BORNIT® Coldmix Asphalt of grain size 0/5 mm is suitable for layer thicknesses up to max. 5 cm. Depending on layer thickness and ambient conditions, the thorough hardening process, until the final strength is achieved, can take several weeks.

Depending on the layer thickness, BORNIT® Coldmix Asphalt is suitable for stable and frost-proof substrates with light to medium traffic loads. With low loads, top layers of BORNIT® Coldmix Asphalt can be applied on existing road pavements and on newly applied asphalt layers (binder layers).

In case of smaller surfaces to be repaired by hand, as, in particular, repairs of potholes and other road surface damages, the areas to be patched must be thoroughly swept prior to applying the mix. Due to the excellent adhesion of the cold-mix asphalt, vertical cutting of potholes is not necessary.

Compaction is undertaken with a vibrating plate or roller. Alternatively, intensive compaction using a hand stamper can be sufficient.

Following application, BORNIT® Coldmix Asphalt is immediately load-resistant. In order to reduce tackiness, crushed stone fines should be spread over the surface. Follow-up compaction is provided by normal road traffic.

consumption

approx. 25 kg/m² for a layer thickness of 1 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.

notes

recommended, personal protective equipment:



disposal note

Only recycle completely empty, cleaned containers. Material residues can be disposed of according to AVV-ASN: 170302 (bitumen mixtures with the exception of those that come under 170301).

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.