

BKM BM Borehole and concrete repair mortar

One-component hybrid mortar
technical data sheet

Article-No.: H-001-924 7,5kg bag in bucket

Article-No.: H-001-925 15kg (2 x 7,5kg) bags in bucket

Product description

Waterproof, crack- and shrinkage-free curing mortar for force-filling of boreholes. Corrosion protection and leveling mortar for masonry and concrete components.

Specification

Processing temperature: +5 °C to +30 °C

Processing time: 20 - 30 Minutes

Max. Component temperature: +40 °C

Layer thickness: up to 60 mm

Consumption: approx. 1.3 kg/m² per 1 mm layer thickness
approx. 1.3 kg/l cavity

Compressive strength (4 h, +20 °C): > 3 N/mm²

Compressive strength (24 h, +20 °C): > 18 N/mm²

Compressive strength (28 days, +20 °C): > 30 N/mm²

Flexural strength (24 h, +20 °C): > 3 N/mm²

Flexural strength (28 days, +20 °C): > 9 N/mm²

Tensile bond strength (28 days, +20 °C): > 2,0 N/mm²

E-module: > 10000

Application areas

- Watertight sealing of boreholes after masonry injections
- Levelling and filling of masonry breakouts up to 60 mm deep
- Repair of concrete component breakouts without additional corrosion protection coating for reinforcing steel

Product application

Substrate

The substrate must be solid, clean, free from separating and adhesion-reducing substances and free from tension and movement.

Processing (borehole mortar)

Mix BKM BM with approx. 1.3 l clean tap water per 7.5 kg bag of dry mortar for at least 3 minutes until a trowelable and lump-free mass is obtained. Process BKM BM within 15 minutes.

Processing (masonry leveling)

Clean outbreaks and pre-wet well with clean tap water. Mix BKM BM with approx. 1.3 l clean water per 7.5 kg bag in a bucket of dry mortar for at least 3 minutes to a trowelable and lump-free mass.

Process BKM BM within 15 minutes. The maximum backfilling depth of the excavations must not exceed 60 mm.

After the start of setting, the surface can be felted, smoothed or rubbed down.

Processing (concrete repair)

Expose reinforcing steel and derust according to DIN EN ISO 12944 Part 4 up to purity grade SA 2 ½. Separate corrosion protection is not necessary.

Clean outbreaks and pre-wet well with clean water.

Mix BKM BM with approx. 1.3 l clean water per 7.5 kg bag of dry mortar for at least 3 minutes to a trowelable and lump-free mass.

Process BKM BM within 15 minutes. The maximum backfilling depth of the excavations must not exceed 60 mm.

After the start of setting, the surface can be felted, smoothed or rubbed down.

Comments

Packaging unit

7.5 kg bag in bucket

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15 kg (2x7,5 kg bags in bucket)

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Tools

Clean tools with water immediately after use.

Storage

Can be stored dry in closed containers for at least 12 months.

Legal notice

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Proprietary rights of third parties must be respected.

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Further information can be found at:

www.bkm-mannesmann.de