

BKM BB-F

Floor Coating Filler
technical data sheet

Article-No.: H-001-972

Product description

BKM BB-F is a special raw material combination with a high packing density (grain size 0 - 0.3 mm). This combination enables good flow properties and high mechanical load-bearing capacities in conjunction with epoxy resins matched to it.

- Easy to mix in
- Allows good flow properties
- High mechanical strength
- Low binder requirement
- Low dust

Specification

Color shades: white, grey
Bulk density: 1,54 kg/l

Application

BKM BB-F enables the production of flowable roughness levelers, economical, high-quality primers as well as leveling compounds in combination with epoxy resins. Particularly suitable in combination with BKM BB-2K for the production of diffusion-open scratch and leveling coats.

Application areas

- Concrete and screed surfaces
- Industrial floors
- Balconies, terraces and arcades

Product application

Surface preparation

The substrates must be solid, load-bearing, free from frost, dust, dirt and other loose constituents. The residual moisture content depends on the resin system used.

Processing

For the production of water vapor permeable leveling compounds in combination with BKM BB-2K, BKM BB-F is added to the mixed BKM BB-2K in the following mixing ratios and homogeneously mixed in.

Scratch filler for layer thicknesses of 1 - 3 mm:

8.5 kg binder + 20 kg -BKM BB-F

Leveling and flowing compound for layer thicknesses of 3 - 8 mm:

8.5 kg binder + 40 kg -BKM BB-F

Self-compacting filler:

8.5 kg binder + 60 kg -BKM BB-F

Depending on the temperature and substrate, the viscosity of the compounds can be adjusted by adding max. 5 % water each, based on BKM BB-2K.

Epoxy resins react exothermically. Therefore, the mixed compounds should be processed quickly. The processing time depends on the respective mixing ratio and the ambient temperatures. Depending on the conditions, a processing time of 20 to 45 minutes is available.

The tools can be cleaned with water when fresh and only mechanically when dry.

Consumption

Depending on application

Comments

- Epoxy resins react exothermically. High temperatures accelerate, low temperatures delay the setting process.
- The substrate temperature must be at least 3 °C above the dew point temperature.
- The maximum filling level and the curing times depend on the layer thickness and the epoxy resin used.
- For continuous surfaces that are not overcoated, only materials with the same batch number may be used.

Packaging unit

20kg paper bag
50 bag/pallet

Storage

dry, 24 months

Occupational safety

The usual hygiene and precautionary measures for handling chemical products must be observed. Wear suitable protective clothing.

Ecology

The following applies to all systems: Only return empty containers to the recycling partner Zentek. Material residues can be disposed of according to EWC code no. 17 09 04 (mixed construction and demolition waste with the exception of those falling under 17 09 01, 17 09 02 and 17 09 03).

Legal notice

The above information, in particular the suggestions for processing and use of our products, are based on our knowledge and experience under normal circumstances, provided that the products have been stored and applied correctly. Due to the different materials, substrates and divergent working conditions, a guarantee of a working result or a liability, regardless of the legal relationship, cannot be justified on the basis of these instructions or verbal advice, unless we are accused of intent or gross negligence in this respect. In this respect, the user must prove that all knowledge necessary for a proper and promising assessment by BKM was provided to BKM in writing, in time and in full. The user must check the suitability of the products for the intended application. We reserve the right to make changes to product specifications.

Proprietary rights of third parties must be respected.

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Further information can be found at:

www.bkm-mannesmann.de