

Concrete Cosmetics BK 05



- > resistant to frost
- > quick setting
- > indoors and outdoors



Product description

Powdery, tempered, weather- and frost-proof, quick-hardening, hydraulically setting filler compound.

Indoors and outdoors for optical correction of flawed, patchy concrete surfaces full of pores to achieve an even, smooth surface.

Delivery format

Container	Outer packaging	Pallet
25 KG / PS	-	42 PS

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 180 days

Processing

Recommended tools

Slow-rotating electric agitator, suitable mixing vessel, trowel, smoothing trowel, spatula.

Mixing

Take a clean mixing vessel and add this product to water using a slow-rotating mixer until a homogeneous and lump-free blend is obtained (mixing time approx. 4 minutes). To which approx. 10 litres of water (corresponds to approx. 0.38 l/kg) is mixed per 25 kg Concrete Cosmetics BK 05.

Processing

Apply the fresh filler compound to the still wet substrate (wet on wet). The maximum layer thickness may not exceed 2 mm. Too rapid drying of the fresh filler compound is to be prevented, e.g. through corresponding moistening.

Technical data

Bulk density	approx. 1.00 kg/dm ³
Grain size	Dmax: 0.2 mm
Consumption	approx. 1.4 kg/m ² per mm of layer thickness
Layer thickness	max. 2 mm
Processing time	approx. 15 min
Processing temperature	+5°C to +30°C
Water consumption	approx. 0.38 l/ kg (= 38 %)

Test certificates

Tested in accordance with (standard, classification ...)

ÖNORM EN 1504-3:2006 als Systemprodukt

Substrate

Suitable substrates

The substrate must be clean, solid, load-bearing, and free from separating and adhesion-reducing components. Old coatings must be removed. The concrete substrate must have a compressive strength of > 25 MPa as well as a surface peel resistance of at least 1.5 MPa and a sufficient surface roughness (at least 0.3 mm). Blasting with a solid blasting medium is suitable as a substrate pre-treatment.

Before applying the mortar, the concrete must be pre-wetted to capillary saturation and allowed to dry to a damp state.

Steel components must be derusted.

Product and processing instructions

Material information:

- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.
- Bring the materials to the proper temperature before processing!
- In order to maintain the product properties, do not add any foreign materials!
- Water dosing quantities or dilution information must be strictly adhered to!
- Check tinted products for colour accuracy before application!
- Colour consistency can only be guaranteed within the same batch.
- The colour formation is significantly impacted by the environmental conditions.
- Already mixed material that is beginning to harden may not be diluted further or mixed with fresh material!

Environmental information:

- Do not process at temperatures below +5 °C!
- The ideal temperature range for the material, substrate and air is + 15 °C to + 25 °C.
- The ideal relative humidity range is 40% to 60%.
- Increased air humidity and/or lower temperatures may prolong the drying, setting and hardening time, while lower air humidity and/or higher temperatures will speed it up.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!
- Protect adjacent components!

Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Please heed the product data sheets of all MUREXIN products used in the process.
- Keep a genuine original container of the respective batch for later repair work.
- For heated screeds, a standard heating procedure is required before laying,

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Screed and Mortar technology

- Do not turn on the underfloor heating system during processing and hardening.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

Please refer to safety data sheet for product-specific information with regard to composition, handling, cleaning, corresponding actions and disposal.

Limiting and monitoring exposure

Personal protective equipment:

General protection and hygiene measures:

- Keep away from foodstuffs, beverages and feedstuffs.
- Take off contaminated, impregnated clothing immediately.
- Wash your hands before taking breaks and when finishing work.
- Avoid contact with the eyes and skin.

Breathing protection:

- Wear breathing protection in case of inadequate ventilation.
- Filter P2.

Hand protection:

- Protective gloves.
- The glove material must be impermeable and resistant to the product/substance/preparation.

Glove material

- Use gloves made from stable materials (e.g. nitrile).
- The selection of a suitable glove depends not only on the material, but also on other quality properties, which may vary from manufacturer to manufacturer.

Penetration time of the glove material

- The precise penetration time is to be found out from the protective glove manufacturer and complied with.

Eye protection: tightly sealed protective goggles.

Body protection: protective clothing.

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Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

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