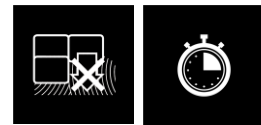




CONCRETE COSMETIC REPOL BK 05



- > quick setting
- > resistant to frost
- > 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 Repol 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
Consumption	approx. 1.4 kg/m ² per mm of layer thickness
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 meets the requirements of the OVBB Guideline – Conservation and Rehabilitation of Concrete and Reinforced Concrete Structures. Furthermore, the substrate must be load-bearing and free of similar and dissimilar substances as well as substances that have a separating effect, corrosive media, such as chlorides, and must be pre-wetted for at least 12 hours before restoration until capillary saturation. Adhesive tensile strength at least 1.5 N/mm². Compressive strength at least 25 N/mm².

Suitable on all standard mineral substrates, especially on exposed concrete. Not suitable on wood, plastic, metal, water-repellent substrates

For a perfect system

Description

REPOL crack and substrate reinforcement:

- Injection packer IP 10, water stop foam PU 14, injection resin EP 16 / PU 18

REPOL substrate preparation:

- Ferrosave reinforcing protection BS 7, bonding sludge HS 1, bridge insulation EP 70 BI

REPOL concrete repair mortar, concrete and levelling filler:

- Repol restoration mortar SM 20 / SM 40 / LM 20 Light, ready-mixed quick mortar FM 20 H / FM 20 TS

- Repol concrete filler BS 05 G / BS 10 W, levelling filler ES 03 / ES 10, concrete cosmetic BK 05

REPOL surface protection and repair:

- Repol evaporation protection CS 1, epoxy impregnation EP 1, silicon impregnation S 4, concrete colour BF 1

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,
- 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

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.

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.

This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.