CONCRETE FILLER REPOL BS 10 W





> frost/ de-icing agent resistant
> wear-resistant
> can be combined with grey concrete filler

Product description

Mineral, powdery, tempered, weather and frost-proof, hydraulically setting white filler compound for concrete repair, as per EN 1504-3 of Class R2.
Indoors and outdoors for extensive filling of concrete surfaces, improvement of unevenness, gravel pockets, broken edges, wear of damaged areas, etc.
For exposed concrete, different greys can be achieved and thus adapted to various concrete substrates by mixing in Concrete Filler BS 05 Grey.

Delivery format:

Container	Outer packaging	Pallet
25 kg / PS		48 pcs.

Storage:
Can be stored frost-free, cool and dry on wooden shelves in unopened original container: 365 days

Processing

Recommended tools:
Slow-rotating electric agitator, mixer, suitable mixing vessel, brick trowel, smoothing trowel, grout ladle, spatula.

Mixing:
In a clean mixing vessel using a slow-rotating agitator or mixer mix until a homogeneous and lump-free blend is obtained (mixing time approx. 3 - 4 minutes). To do so, the mortar is mixed into the prepared water.

Processing:
Process the mixed mortar quickly. Mortar which has already stiffened may not be made processable again by adding water. Mixing for too long or adding too much water can disrupt the setting process.
At lower temperatures it is recommended to use warm mixing water, otherwise the setting time is delayed.
Surface finishing such as felting should take place without adding water, if possible, so as not to alter the properties of the mortar.

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Post-treatment:
Too rapid drying of the fresh mortar is to be prevented with corresponding measures.

Technical data

Layer thickness	max. approx. 5 mm
Bulk density	approx. 1.26 kg/litre
Pot life	approx. 30 min.
Water consumption	approx. 0.28 l/ kg
Mortar weight	approx. 1.64 kg/l

Test certificates

Tested in accordance with (standard, classification ...)
ÖNORM EN 1504-3:2006 as system component

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.

Substrate pre-treatment:
The substrate must be prepared by means of a suitable mechanical process.

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%.
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Increased air humidity and/or lower temperatures may prolong the drying, setting and hardening time, while lower air humidity and/or higher temper atures will speed it up.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!

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- 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

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:
- Breathing protection is recommended.
- 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.

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.

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