

GYPSUM GI 70



- > very rapid hardening
- > dowel anchoring
- > also spreadable

Product description

Powdery, very quick hardening, hydraulically setting binding agent.
Only indoors for fixing electrical installations, dowel anchoring, crack filling.

Delivery format:

Container	Outer packaging	Pallet
6 KG / KTN		84
2 KG / KTN	4	216

Storage:

Can be stored frost-free, cool and dry on wooden shelves in unopened original container: 730 days

Processing

Recommended tools:

Suitable mixing vessel, other equipment depending on use.

Mixing:

In a clean mixing vessel mix by manual stirring until homogeneous and lump-free. First the water is prepared and then the Murexin GYPSUM strewn in.

Do not add foreign materials!

Do not process at temperatures below +5 °C.

Processing:

Rapid processing required! Others depending on use. Do not add foreign materials!

Technical data

Consumption
Open time

depending on use and application
approx. 4 - 8 min.

18125, GYPSUM GI 70, valid from: 19.05.2020, Magdalena Riegler, Page 1

Bulk density	approx. 1.00 kg/dm ³
Water consumption	approx. 0.70 l/ kg

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.

Not suitable on wood, plastic, metal, water-repellent substrates or in wet rooms.

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.
- Powdery fillers are to be used immediately after opening the original packaging.
- Do not add water to plaster fillers which have already stiffened; clean mixing vessel before mixing again.
- Pores and cavities in concrete are to be filled in a separate step, particularly to prevent the formation of bubbles in the filler.

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!
- Increased air humidity as a result of plaster and screed work can lead to swelling and spalling of gypsum fillers.

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.

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.
- Breathing protection: Wear breathing protection in case of inadequate ventilation.

18125, GYPSUM GI 70, valid from: 19.05.2020, Magdalena Riegler, Page 2

Concrete and Screed Technology

Hand protection: protective gloves.

Glove material

- 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: Protective goggles recommended when decanting.

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.