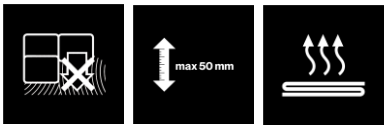
FILLING AND REPAIR COMPOUND CA 85



> low-tension
> stable

Product description

Stable, quick drying, preformed filling and repair compound based on calcium sulphate.
Only indoors. For evening out and repair work as well as filling of holes and deep unevenness in calcium sulphate (flow), xylolite, magnesium and mastic asphalt screeds, as well as for evening out and filling of dry screeds and dry building elements based on gypsum. Suitable for underfloor heating systems and castor wheel loads.

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 365 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). In which approx. 5.75 l - 6.75 l of water is mixed with 25 kg MUREXIN Filling and Repair Compound CA 85, depending on consistency.

Processing
Pour the fresh smoothing compound onto the substrate in one work step, if possible, up to the desired layer thickness (max. 50 mm) and distribute evenly. With multi-layered application, the next layer must be applied immediately after the substrate can be walked on (approx. 45 minutes). For longer intervals, prime with PRIMER D 1 or D 7. After only 15 to 20 minutes, the compound has

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solidified so that edges can be cut and transitions evened out. The stiffening compound can still be formed and smoothed by cutting, scraping or peeling before the onset of rapid hardening. For layer thicknesses over 10 mm, the levelling compound can be mixed with up to max. 35 percent by weight with quartz sand of 0.3 - 0.9 mm grain.
Higher layer thicknesses lead to a longer drying time. With a layer thickness of 50 mm, a drying time of at least three days should be factored in.

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

Technical data

Chemical base	Calcium sulphate
Consumption	approx. 1.5 kg/m² per mm layer thickness
Water consumption	6.0 to 6.5 L per container (corresponds to ~ 0.25L per kg)
Layer thickness	max. 50 mm
Ready for laying	2 - 3 hrs at a max. layer thickness of 10 mm
Processing time	15 - 20 Min.
Can be walked on	30 - 40 Min.
Bending tensile strength	F10
Compressive strength	C40

Test certificates

Tested in accordance with (standard, classification ...)
EN 13813 CA-C40-F10 Brandverhalten A1 fl

Substrate

Suitable substrates
Calcium sulphate screeds
Mastic asphalt
Wooden substrates
Dry screed elements based on cement

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents and loose parts, and it must comply with the applicable technical national and European directives, standards and "generally accepted rules of the trade".

Priming:
On absorbent substrates:
Deep Primer D7 (undiluted), Special Primer DX 9 or Primer D1 (mixing from 1:1 to 1:3 with water)
On non-absorbent substrates:
Primer D4 or Special Primer DX 9 (undiluted)

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Product and processing instructions

Material information:
- When working outside the ideal temperature and/or humidity range, the material properties may change significantly.
- Temper materials accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour accuracy!
- Colour consistency can only be guaranteed within the same batch.
- Colouration is significantly affected by environmental conditions.
- Mixed material that has already started to stiffen may not be diluted further and replaced with fresh material!

Environmental advice:
- Do not process at temperatures below +15 °C!
- The ideal temperature range for material, substrate and air is +15 °C to +25 °C.
- The ideal air humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay, lower air humidity and/or higher temperatures accelerate drying, setting and hardening.
- Ensure sufficient ventilation during the drying, reaction, and hardening phase; avoid draughts!
- Protect from 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.
- Observe the product data sheets of all MUREXIN products used in the system.
- Keep a genuine original container of the respective batch for later repair work.
- For heated screeds, a standard heating procedure must take place before laying.
- The underfloor heating system may not be switched on during the 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.

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