

LEVELLING COMPOUND CA 20

- > based on calcium sulphate
- > preformed
- > self-levelling
- > suitable for blade technology



Product description

Powdery, preformed, self-levelling compound based on calcium sulphate.

Only indoors to create level substrates, especially on calcium sulphate bound screeds, as well as on mastic asphalt and all standard screeds in old and new builds in layer thicknesses of 2 - 20 mm before laying floor coverings and parquet. Suitable for underfloor heating systems and castor wheel loads.

Delivery format:

Container	Outer packaging	Pallet
25 KG / PS		48

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).

Mixing ratio:

approx. 5.5 l water per 25 kg
Murexin Levelling Compound CA 20

Processing:

Pour the fresh smoothing compound onto the substrate in one work step, if possible, up to the desired layer thickness (max. 20 mm) and distribute evenly. Layer thickness on non-absorbent substrates primed with Murexin DX 9 max. 10 mm.

Parquet and adhesion technology

Ready for laying after approx. 24 - 36 hours up to 3 mm layer thickness; add 24 hours for each additional mm of layer thickness. Longer drying times are to be observed for higher layer thicknesses and non-absorbent substrates! Levelling Compound CA 20 can be pumped and is suitable for scraping.

Optimum processing temperature: 16 - 22 °C

Minimum layer thickness under parquet: 3 mm

Post-treatment:

Corresponding measures must be taken to prevent the fresh levelling compound from drying out too quickly.

Technical data

Can be walked on	after 4 - 6 hrs
Ready for laying	after 24 - 36 hrs
Consumption	approx. 1.5 kg/m ² per mm layer thickness
Layer thickness	max. 20 mm
Processing time	approx. 25 - 30 min.
Water consumption	approx. 5.5 l / 25 kg bag

Test certificates

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

EN 13813

Substrate

Suitable substrates:

Standard mineral substrates
Cement screeds and concrete floors
Calcium sulphate screeds
Mastic asphalt
Wooden substrates
Dry screeds

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)

Product and processing instructions

Material instructions:

- 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!

61051, LEVELLING COMPOUND CA 20, valid from: 11.11.2019, Magdalena Riegler, Page 2

Parquet and adhesion technology

- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour consistency!
- Colour consistency can only be guaranteed within a batch.
- The colouring is significantly influenced by the environmental conditions.
- Mixed material which is already starting to stiffen may not be diluted further or mixed with fresh material!
- Only put containers which have been emptied of residue into the recycling. Material residue can be disposed of in the domestic waster when dry.
- Cementitious grouts are not, or only partially, acid-resistant.

Environmental advice:

- Do not process at substrate temperatures below + 15 °C!
- The ideal temperature range for material, substrate and air is +15 °C to +25 °C.
- The ideal relative 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!
- Different (environmental) conditions and absorbency (earthenware, stoneware, fine stoneware) can cause a different colouring of the grout.
- The jointing space must be free of adhesive/contaminants. Scratch out if necessary!
- Make sure children cannot access the area.
- Avoid eating, drinking and smoking while processing this product.
- Do not let it get into the sewage, drinking water or ground.

Tips:

- We highly 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 process.
- For heated screed, a standard heating procedure must be implemented before laying.
- The underfloor heating system may not be switched on during processing and hardening.
- Clean the tools with water immediately after use.
- Wear protective gloves.
- Wear protective goggles.
- If the adhesive or the laying material comes in contact with your eyes, wash immediately with plenty of water and contact an eye doctor.
- Protect your hands with waterproof, robust gloves.
- Wear long trousers.
- Avoid longer periods of skin contact with the adhesive or laying material. Immediately and thoroughly wash affected skin with water.
- The longer fresh adhesive or installation product remains on your skin the greater the risk of serious skin damage.
- Keep children away from fresh adhesive or installation product.

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.