LEVELLING COMPOUND TOPLEVEL ST 11

DIN EN 13813
C25 F6

> for layer thicknesses up to 11 mm
> under elastic floor coverings and finished parquet
> good sandability
> smooth surface

Product description

Powdery, plastic-tempered, low emission, self-levelling cement filler, hydraulically setting.
CT-C25-F6 according to EN 13813, fire behaviour A1.
Only indoors to produce even substrates in layer thicknesses from 2 to 11 mm before laying all sorts of elastic floor coverings, 2- and 3-layer multilayer parquet, as well as before laying tiles and natural stone flooring. Suitable for underfloor heating systems and castor wheel loads.

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

Processing

Recommended tools
Low-speed electric agitator, suitable mixing vessel, trowel, smoothing trowel, spatula, squeegee.

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. 5.75 - 6.25 litres of water (corresponds to approx. 0.25 l/kg)
per 25 kg Murexin Levelling Compound TopLevel ST 11

Processing
Pour the fresh filler onto the substrate in one work step, if possible, up to the desired layer thickness (max. 11 mm) and distribute evenly. With multi-layered application, the next layer must be applied immediately after it can be walked on (approx. 1-2 hours). For longer intervals, prime with Murexin Undercoat D1. For layer thicknesses over 5 mm, the levelling compound can be mixed with up to max. 20 p.b.w with quartz sand of 0.3 - 0.8 mm grain. Levelling Compound TopLevel ST 11 can be pumped and is suitable for scraping. With thicker layers and the squeegee

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technique, flow and surface can be improved by deaerating (spiked roller).
Optimum processing temperature: 16 - 22 °C
Longer drying times are to be observed for higher layer thicknesses, non-absorbent substrates, and lower temperatures.

Post-treatment:
The fresh levelling compound must be prevented from drying too fast by implementing corresponding measures.

Technical data

Chemical base	cement
Consumption	approx. 1.5 kg/m² per mm layer thickness
Water consumption	approx. 5.75 l - 6.25 l / 25 kg bag (~ 0,25 l / kg)
Layer thickness	max. 11 mm
Ready for laying	after approx. 24 hrs
Processing time	approx. 30 - 35 min
Bending tensile strength	F6
Compressive strength	C25

Substrate

Suitable substrates
Standard mineral substrates
Cement screeds and concrete floors
Dry screed elements based on cement

The substrate must be dry, free of frost, solid, load-bearing, dimensionally stable, and free of dust, dirt, oil, grease, solvents, and loose parts and correspond to the applicable technical national and European guidelines, standards, as well as meet the "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 information:
- The properties of the material may be significantly altered if not processed within the ideal temperature and/or humidity range.
- Bring the materials to the proper temperature before processing!
- 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 environmental conditions significantly impact colour formation.
- Already mixed material that is beginning to harden may not be diluted further or mixed with fresh material!

Environmental information:
- Do not process at substrate temperatures below +15°C!

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- The ideal temperature range for the material, substrate, and air is + 15°C to + 25°C.
- The ideal humidity range is 40% to 60% relative humidity.
- 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 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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