

GP 100

Our hybrid levelling compound for commercial projects

Very low emissions · GISCODE CP 3 – calcium sulfate, highly alkaline · EN 13813 CA–C35–F7

Characteristics

- Very low emissions
- Good performance with strong compressive values and good absorbency
- Easy to sand, economical
- Low and light adhesive consumption thanks to a smooth surface
- Crack-free even in thicker layers
- GISCODE CP 3 – calcium-sulfate-based, highly alkaline
- Suitable for flatness classes E1 – E4

Application

- Filling, smoothing and levelling on cement and calcium sulfate screeds (DIN 18354/18560), load-bearing ceramic tiles, stone-wood, wood and magnesite screeds, gypsum fibre boards, load-bearing water-resistant adhesive residues – for indoor use
- Mastic asphalt (IC10, DIN EN 13813), application thickness 3–5 mm
- For filling holes and similar applications we recommend FÜ 90 / GP 10 S
- Renovation compound, suitable for commercial projects
- Ideal for all textile floor coverings including linoleum, PVC and CV coverings
- Suitable for castor chairs and underfloor heating
- Can be applied by roller and machine-pumped
- If sanding is required, sand the dried compound with grit ≥ 80 paper or mesh

Technical data

Consumption	approx. 1.5 kg/m ² /mm
Mixing ratio	Self-levelling slurry: 6.5 l water + 25 kg GP 100
Layer thickness	1 to 5 mm
Open time	approx. 30 minutes at +18 °C
Processing temperature	Optimal +10 °C to +23 °C (substrate min. +15 °C); relative humidity preferably 45–65 %, max. 75 %. High temperatures accelerate, low temperatures slow down setting.
Foot traffic	after approx. 3 hours, depending on room climate
Ready for installation	up to 5 mm thickness after approx. 24 hours (at +18 °C / 50 % r.h.); drying takes longer at higher humidity
Classification	EN 13813 CA–C35–F7 · Fire behaviour A1fl · Compressive strength class C35 · Flexural strength class F7

Substrate preparation

The substrate must be compression- and tension-resistant, free of cracks, load-bearing, permanently dry and free of dirt and separating agents. It must comply with VOB DIN 18 365 and the applicable standards and guidelines. The substrate must have sufficient strength to absorb the stresses and dimensional changes that may arise from installation materials and coverings. A primer is required to prevent insufficient strength and cracking. Loose particles

and unstable layers must be mechanically removed. Perimeter strips must be installed to avoid sound bridges with vertical components; expansion joints must be carried through. All defects must be reported.

Processing recommendation

Mix the powder into cool, clean water until a homogeneous, lump-free slurry forms. Use a mixer at approx. 600 rpm or a suitable mixing pump. Apply with a smoothing trowel and de-aerate the fresh compound with a spike roller. Avoid draughts and direct sunlight during setting. If the surface is to be sanded after drying, vacuum thoroughly before subsequent bonding work.

Storage

Store in a cool, dry place. Shelf life 6 months. Reseal opened bags immediately. Production date (month and year): see stamp.

Disposal

Only fully emptied paper bags should be recycled. Collect product residues, mix with water and allow to harden; the hardened material can then be disposed of as household waste. Commercial disposal: EWC code 170904 (construction and demolition waste).

Packaging sizes

25 kg bag

Notes

Composition: combination of calcium sulfate binder with additives and mineral fillers. Reacts alkaline with moisture. Keep out of reach of children. Use only in well-ventilated areas. Do not eat, drink or smoke while using this product. Do not allow to enter drains, watercourses or soil. Wear protective gloves / protective clothing / eye protection. After use, wash tools thoroughly with soap and water. In case of skin contact: wash with plenty of soap and water. In case of eye contact: rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing.

General / disclaimer

The above information, in particular the suggestions for processing and using our products, is based on our knowledge and experience. Due to varying materials and working conditions beyond our control, we recommend carrying out sufficient in-house tests in every case – particularly when used in combination with third-party products – to ensure the suitability of our products for the intended processes and applications. No liability can be derived from this information or verbal advice unless we are proven to have acted with intent or gross negligence. Please refer to the Technical Information, the Safety Data Sheet and our Terms of Delivery and Payment. Floor manufacturer instructions take precedence. Publication of this Technical Data Sheet renders all previous editions invalid.

GP 100 – English edition based on the manufacturer's 02/2025 data sheet.