

SA 25

Our standard cement-based levelling compound

Blue Angel (RAL-UZ 113) · GISCODE ZP1 – chromate-reduced per TRGS 613 · EN 13813 CT–C30–F5

Characteristics

- Excellent price-to-performance ratio
- Awarded the Blue Angel eco-label per RAL-UZ 113, very low emissions
- Easy to sand, stress-free, self-levelling, economical
- Good performance with strong compressive values and good absorbency
- Can be extended with quartz sand without loss of strength
- GISCODE ZP1 – chromate-reduced per TRGS 613
- Suitable for flatness classes E1 – E4

Application

- For all DIN-compliant suitable substrates
- Standard levelling compound, suitable for commercial projects
- Ideal for simple textile coverings, linoleum, PVC and CV
- Suitable for castor chairs and underfloor heating
- Can be applied by roller and machine-pumped

Technical data

Consumption	approx. 1.4 kg/m ² /mm
Mixing ratio	Self-levelling slurry: 6.5 l water + 25 kg SA 25; extended mortar: 6 l water + 25 kg SA 25 + 15 kg quartz sand 0.7–1.2 mm
Layer thickness	1 to 5 mm, extended up to 10 mm
Open time	approx. 30 minutes at +18 °C
Processing temperature	+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. 2 hours, depending on room climate
Ready for installation	after approx. 24 hours (at +18 °C / 50 % r.h.); drying takes longer at higher humidity
Classification	EN 13813 CT–C30–F5 · Fire behaviour A1fl · Compressive strength class C30 · Flexural strength class F5

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 slurry layers must be removed by shot blasting or milling. To prevent sound bridges from direct contact with vertical building elements, perimeter strips must be installed. Expansion joints must be carried through with matching joint profiles. All defects must be reported.

Processing recommendation

Mix the powder into cool, clean water until a homogeneous, lump-free slurry forms. Over-watering causes sedimentation and unstable surfaces. A mixer at approx. 600 rpm is recommended. Quartz sand (when used as an extender) is added last. Apply with a smoothing trowel and de-aerate the fresh compound with a spike roller. Avoid draughts and direct sunlight during setting. If the compound is sanded after drying, vacuum thoroughly before any subsequent bonding work.

Primers

- Cement screeds, concrete, fibre cement boards: Unigrund Express, Micro-Grund, 2K DP-Grund, Super Grip Q, 2K Grundierspachtel, Tensit, EP-BA 500 (sanded), PS-Grund 3001
- Calcium sulfate screeds, gypsum fibre boards, stone-wood, wood and magnesite screeds: Unigrund Express, Micro-Grund, EP-BA 500 (sanded), Super Grip Q, PS-Grund 3001
- Mastic asphalt screeds: Unigrund Express, 2K DP-Grund, 2K Grundierspachtel, Super Grip Q, EP-BA 500 (sanded), PS-Grund 3001

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 cement with re-dispersible polymer powder, additives and mineral fillers. Reacts alkaline with moisture, pH approx. 11. Prolonged skin contact increases the risk of serious skin damage. 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.

SA 25 – English edition based on the manufacturer's 2025 data sheet.