



high-strength, rapid-hardening grout mortar for surfaces exposed to heavy usage

- for layer thickness of 2 – 15 mm
- can withstand mechanical loads
- frost and de-icing salt-resistant
- very high strength

CG 2 WA acc. EN 13888

Seal:



Is included in the following systems:



Applications

- ideal for commercial and industrial stresses
- for grouting ceramic surfaces in mechanically highly stressed areas e.g. swimming pools, large kitchens, workshops etc.
- suitable for split tiles, floor clinker slabs, stoneware and fine stoneware tiles and artificial stone
- suitable for wall, floor and electrical surface heating
- in the wall and floor area
- for interior and external use





Properties

- meets the CG 2 WA requirements according to DIN EN 13888 for cementitious grout mortars with particularly high abrasion resistance and reduced water absorption
- very low emissions EC 1^{PLUS} according to GEV-EMICODE
- very high strength
- rapid hardening
- very dense mortar structure
- good flank adhesion
- can be spread as slurry grout
- frost-resistant and water-resistant after hardening
- easy to process
- resistant to high pressure cleaners
- mineral
- very good grouting in and washing off behaviour
- frost and de-icing salt-resistant

Colours

- cement grey

Composition

- cement in accordance with DIN EN 197-1
- Quick-drying cement
- finely fractionated silica sand
- additives for regulating and improving workability and product properties



Substrate

Suitable substrates

- Only use the product on suitable coverings. Carry out a grouting test on porous, unsealed surfaces or those susceptible to discolouration.
- Artificial stone
- Split tiles
- Flooring clinker slabs
- Suitable for earthenware, stoneware and fine stoneware

Properties/tests

- Joints are to be scraped out evenly deep to thickness of covering and cleaned after laying the covering.
- The substrate must be well and evenly dried out at the time of grouting in order to ensure an optically homogeneous joint pattern once the grout mortar has set and dried out.

Pretreatment

- Clean the surface thoroughly before grouting. Pre-wet highly absorbent coverings in the joint area if necessary. Avoid standing water in the joints.

Processing

Temperature

- Do not use or allow to dry and harden in air, material or substrate temperatures of less than +5°C, in the case of expected night time frost or at temperatures of over +25°C, in direct sunlight, extremely heated substrates and/or in strong wind.

Mixing / Preparation / Processing

- When mixing manually, first place the quantity of water specified in the technical data in a clean container and then sprinkle in dry mortar. Use clean tap water.
- Use a suitable agitator to mix the material until smooth and free of lumps. Leave to develop for a moment and then mix again.
- Always mix the mortar with the same water content, as adding different amounts of water can lead to a different coloured joint pattern or patches.
- Do not mix with other products and/or other substances.

Applying

- Slurry the grout diagonally to the course of the joint with a suitable hard rubber board or foam rubber grout board flush with the surface.
- Grout again wet-in-wet if necessary.
- After sufficient tightening of the mortar (finger test), wash off excess material with a firm and slightly damp sponge or sponge board diagonally to the joint line without washing out the joint surface.
- After drying off, remove the remaining residual film with a damp sponge.
- When grouting coverings with rough surfaces, the residual film must be carefully removed whilst fresh.



Processing / Working time

- approx. 45 minutes
- The stated times apply for a temperature of +20°C and relative humidity of 65%.
- Mortar that has already started to harden must never be thinned down with additional water, remixed or applied.

Drying / Hardening

- Protect the fresh mortar from drying out too quickly and from unfavourable weather conditions such as frost, draughts, direct sunlight and direct exposure to driving rain if necessary by hanging with foil.

Cleaning the tools

- Clean all tools and equipment with water immediately after use.

Notes

- For the same building, always only use material with the same batch number.
- Unevenly mixed material, residual moisture in the substrate or unevenly absorbent substrates and coverings as well as unevenly deep joints can lead to uneven, patchy drying of the grout.
- With polished, open-pored, ground, profiled and unglazed surfaces, colour pigments can settle in the micropores in the surface. A strong colour contrast between tile and grout is therefore not advisable. In case of doubt, carry out a trial grouting.
- For use in swimming pools: The fill water must be constantly in lime/ carbon dioxide equilibrium. Carbonate hardness approx. 10°dH, pH-value 7.0-7.2. The notes in DIN 2000 are to be observed. Over and above this, DIN 19643 "Treatment of water in public baths" should also be applied in the area of private swimming pools.
- Cleaning instructions: Acid media may attach cement-based grout mortars depending on their concentration. When using acid cleaning agents, comply strictly with the manufacturer's application specifications. Before use, the area being cleaned is to be pre-wet with water and rinsed off with sufficient water immediately after cleaning.

Packaging

- 20 kg/sack

Storage

- Store dry and as per instructions.
- can be stored in sealed original container/bag for at least 12 months from manufacturing date

Consumption

- consumption: approx. 0.25 – 1.4 kg/m² depending on the dimensions of the surface and the joint depth and width



Technical Data

Joint width	2 - 15 mm
Mixing time	approx. 3 minutes
Maturation time	approx. 3 minutes
Processing time	approx. 45 minutes
Walkability	after approx. 5 hours
Resilience	after approx. 48 hours

All data are average values determined under laboratory conditions at +20°C and 65% relative humidity according to relevant test standards and application tests. Deviations under practical conditions are possible.

Safety and disposal instructions

Safety

- This product produces an alkaline reaction when it comes into contact with moisture/water. Therefore ensure that skin and eyes are protected. If it should come into contact with the skin or eyes, rinse them thoroughly with water. See a doctor immediately if it comes into contact with the eyes.
- Further instructions in the safety data sheet under www.strasser-systeme.de.

GISCODE

- ZP1 (products containing cement, low-chromate)

Disposal

- Dispose of the material in accordance with the official regulations.
- Completely empty and recycle the packaging.
- Dispose of hardened product in accordance with the local regulations. Do not allow to enter the sewer system. Dispose of the hardened product in the same way as concrete waste and slurries. Waste code according to the Ordinance on the European Waste Catalogue depending on the origin: 17 01 01 (concrete) or 10 13 14 (concreteste and concrete slurries).

General Information

This information sheet provides only general recommendations. If you have any questions when it comes to the actual application, please consult our responsible Technical Sales Adviser or our Service Hotline tel. +49 541 601-235. Since natural raw materials are used, the values and properties described may vary somewhat. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.