

Chemical-resistant, 2-component epoxy resin primer for absorbent and non-absorbent substrates

- low viscosity
- multifunctional

Seal:



Is included in the following systems:



Applications

- for multifunctional use as a primer, binder for epoxy resin mortar and capillary-breaking grouting mortar
- in the building authority approved system P-5100/435/13 MPA-BS with strasser sealing DICHT PA PU sealing
- to improve the adhesive bond
- on critical substrates, e.g. metal, calcium sulphate screeds or wooden substrates
- in highly stressed areas, such as commercially used kitchens, steam saunas or areas with high mechanical or chemical exposure.
- in the wall and floor area
- for interior and external use

Properties

- very low emissions EC 1^{PLUS} according to GEV-EMICODE
- water vapour diffusion-tight
- solvent-free
- high adhesive bond
- 2-component
- chemical resistant

Composition

- Material basis: Epoxy resin system with formulated amine hardener
- 2-component reactive resin plastic based on epoxy resin



Substrate

Suitable substrates

- Cement and calcium sulphate screeds, heated and unheated
- Metal substrates
- Wooden substrates
- Magnesia and mastic asphalt screeds
- Cement fibre boards and dry screeds
- Concrete, at least 6 months old

Properties/tests

- The substrate must be dry, load-bearing, clean, dust-free and free of adhesion-reducing residues, release agents, efflorescence and sintered coatings.
- Wooden substrates must be untreated, uncoated and must not be impregnated.

Pretreatment

- Carefully remove adhesion-reducing layers and contamination, e.g. sinter layers, binding agent accumulations, loose paint coatings, adhesive residue or dust.



Processing

Temperature

- Do not use or allow to harden in air, material or substrate temperatures of less than +10°C, in the case of expected night time frost or at temperatures of over +30°C, in direct sunlight, extremely heated substrates and/or in strong wind.
- The substrate temperature must be at least 3°C above the dew point temperature.

Mixing / Preparation / Processing

- Allow curing component to flow completely into the main component.
- Mix intensively with a slowly running agitator at approx. 300 RPM for at least 3 minutes.
- Then repot into a clean container and intermix thoroughly again.
- When using strasser EG as a binder for the preparation of epoxy resin mortar, a mixing ratio of 1 part by weight strasser EG Epoxidgrundierung to 5 parts by weight strasser GQS Grober Quarzsand and 5 parts by weight strasser FQS Feiner Quarzsand must be observed.

Applying

- Apply the product evenly crosswise to the substrate with a suitable tool, e.g. roller, brush or sponge rubber slider and work it in.
- Sprinkle the entire surface with strasser PLUS GQS Grober Quarzsand when fresh.

Processing / Working time

- approx. 25 to 90 minutes
- depending on temperature and substrate conditions
- Low temperatures prolong the processing time, high temperatures shorten it.

Drying / Hardening

- Curing time: approx. 12 hours, depending on temperature and substrate conditions.
- The freshly primed surface must be protected against adverse weather conditions, e.g. strong sunlight, frost, precipitation, etc.
- Primed surfaces must be completely dry and free of adhesives before ceramic or natural stone coverings, levelling compounds, composite sealants or similar are applied.
- Excess loose quartz sand must be removed after the primer has dried by suitable means, e.g. sweeping or vacuuming.

Cleaning the tools

- Clean tools and equipment immediately after use with thinner, e.g. acetone.

Notes

- When using indoors, ensure good ventilation after the application and during the curing process.
- If affected by UV radiation, a certain colour change, loss of sheen and chalking must be anticipated with the product in general.

Packaging

- 1 kg/bucket (comp. A: 0.66 kg; comp. B: 0.33 kg)
- 9 kg/bucket



Storage

- Store in the original, unopened packaging in dry, frost-free conditions.
- can be stored in sealed original container/bag for at least 12 months from manufacturing date

Consumption

- Consumption: approx. 0.3 - 0.5 kg/m², depending on the absorbency of the substrate.
- The amount used depends on the condition of the substrate and on the application method. Determine the exact amount by means of a test application on the building.

Technical Data

Colour	colourless
Processing time	approx. 25 - 90 minutes
Drying time	approx. 12 hours
Resilience	after approx. 7 days

All data are average values which have been obtained under laboratory conditions in accordance with relevant test standards and application trials at +20°C and 60% relative air humidity. Deviations are possible under practical conditions.

Safety and disposal instructions

Safety

- Hazardous substance in the sense of the German Ordinance on Hazardous Substances.
- Further instructions in the safety data sheet under www.strasser-systeme.de.
- Comprehensive instructions can be found in the DGUV Regulation 113-012 (previously BG regulations 227) "Activities with epoxy resins" issued by the trade associations.

GISCODE

- RE1 (epoxy resin products, solvent-free, sensitising)

Disposal

- Completely empty and recycle the packaging.
- Liquid product remains can be disposed of according to the Waste Catalogue Ordinance under the Waste Code 08 01 11 (waste paint and varnish containing organic solvents or other dangerous substances).



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. 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.