

STEICO *secure* Render F (K)

Finishing render with scratch coat texture



- Diffusion-open silicone resin topcoat plaster
- Natural protective function against weather influences
- Without biocidal film protection, with high-quality marble grain

Application area



- Mineral biocide-free finishing plaster with scratch coat texture for exterior areas
- Scratch coat texture

Technical data

Reaction to fire	A2-s1 ,d0
Water vapour diffusion resistance factor μ	50 - 60
Density [g/cm ³]	1.7 - 0.11
Diffusion-equivalent air layer thickness [m]	0.09 - 1.9 V1 high
Water permeability rate w [kg/(m ² *h ^{0.5})]	0.1 (W3 low)
Thermal conductivity [W/(m*K)]	0.7

Weight and packing

Supplied in handy buckets

Colour shade	Grain size	Number/pal. [pcs.]	Weight/pcs. [kg]	Weight./pal. (approx.) [kg]	Consumption/m ² [kg]
White	K 1.5	24	25.0	600	approx. 2.4
White	K 2.0	24	25.0	600	approx. 3.1
White	K 3.0	24	25.0	600	approx. 4.3
Toned C1 - C3	K 1.5	24	25.0	600	approx. 2.4
Toned C1 - C3	K 2.0	24	25.0	600	approx. 3.1
Toned C1 - C3	K 3.0	24	25.0	600	approx. 4.3

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Notes

Storage

- Store tightly closed and frost-free.
- Protect from heat and direct sunlight.
- Quality is guaranteed in the original container until the date indicated by the printed batch number.
- Explanation of the batch number: Number 1 = end number of the year, number 2 + 3 = calendar week Example: 5450013223 ; Storage period until the end of week 45 in 2025.

Ingredients

- According to VdL guideline for architectural coatings
- Polymer dispersion
- Silicone resin emulsion
- White pigments
- Mineral fillers
- Silicate fillers
- Aluminium hydroxide
- Organic fillers
- Water
- Thickener
- Dispersing agent
- Accelerator
- Defoamer
- Storage protection agent based on 1,2-benzisothiazoline-3-one
- Anti-storage agent based on CIT/MIT 3:1

Active substance content below the limit values according to RAL-UZ-102Appendix 1

Disposal

- Waste product must be disposed of in accordance with local regulations
- The dirty water from cleaning the tools must be disposed of properly

Application

- Even stripping to grain size with a stainless steel trowel.
- Structuring with a plastic trowel, sponge rubber disk or polystyrene board.
- The product can be sprayed with standard fine plastering machines.
- Clean tools with water at regular periods during application and immediately after use
- The tools specified are recommendations

Occupational health and safety

- This product is a hazardous substance, observe the safety data sheet
- Wear a dust mask in case of high dust formation (mixing)
- Use gloves when applying the compound
- Observe hazardous substance labelling
- Observe the safety data sheet

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Installation

- This document is based on the German technical data sheet and is intended for general information purposes in an international context. National regulations and building codes must be additionally observed.

Substrate

- For finishing renders with a grain size below 2.0, the substrate evenness must be adapted to the planned finer surface finish, additional substrate levelling measures may be necessary.
- The substrate must be firm, dry, clean and load-bearing and free of sintered layers, efflorescence and separating agents.
- Damp or incompletely set substrates can lead to damage such as blistering or cracks in the subsequent coatings.
- Check existing coatings for load-bearing capacity. Remove coatings that are not load-bearing.
- Substrate pre-treatment with primer is recommended. (depending on the substrate)

Application temperature

- Lowest substrate and air temperature: +5°C
- Upper substrate and air temperature: +30°C

General application

- Dilute with as little water as possible to achieve the desired consistency
- Working time at +20°C: approx. 60 minutes
- Stir the material well
- Do not apply unprotected in the plinth area
- When applying with a machine or pump, the application consistency must be adjusted accordingly
- Do not dilute intensively tinted material or only dilute with a little water, as the properties or colour intensity may change
- Do not apply the material in intense sunlight or on heated substrates
- Not suitable for horizontal or inclined surfaces that are exposed to the weather

Drying, curing, recoating time

- Freshly applied plaster surfaces must be protected from intense sunlight with additional measures (e.g. scaffolding nets) if necessary
- The drying time depends on the temperature, wind and relative humidity.
- Suitable protective measures must always be taken in unfavourable weather conditions. (e.g. rain protection)
- Fully dry after approx. 14 days.
- At +20 °C air and substrate temperature: Can be recoated after approx. 24 - 48 hours.
- In cold, damp weather, efflorescence is possible with all hydraulically setting renders. These are not technical-functional defects and are not objectionable.

Consumption

- The material consumption depends, among other things, on processing, substrate and consistency. The stated consumption values are average values and are therefore for guidance only. Exact consumption values may have to be determined on site.

Certificates and quality management



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☰ Caption

other abbreviations

- pal.** Pallet
- T&G** Tongue and Groove
- pac.** Packaging
- approx.** Approximately
- pcs.** pieces