

# STEICO *secure* Render S (K)

Finishing render with scratch coat texture



- Diffusion-open silicone resin finishing render with scratch coat texture
- Can be used on mineral and organic substrates
- With encapsulated film preservation for a retarding and preventive effect against algae and fungal infestation

## Application area



- Silicone resin-reinforced finishing render with scratch coat texture for the STEICO ETICS

## Technical data

Reaction to fire	B-s1,d0
Water vapour diffusion resistance factor $\mu$	40 - 45
Density [g/cm <sup>3</sup> ]	1.65 - 1.95
Diffusion-equivalent air layer thickness [m]	0.08 V1 high
Water permeability rate w [kg/(m <sup>2</sup> *h <sup>0.5</sup> )]	< 0.10
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 <sup>2</sup> [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

- Architectural paints according to VdL guideline
- According to VdL-guideline building coating, polymer dispersion, silicone resin emulsion, titanium dioxide, calcium carbonate, silicate fillers, water, aliphatics, glycol ether, additives, preservatives

### 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

- Exclusive spray application of the finishing coat by spraying is generally possible. As a rule, manual reworking of the finishing plaster is necessary to achieve the desired appearance/texture.
- The product is removed evenly with a stainless steel trowel to grain size.
- Structuring is carried out with a hard plastic trowel or a PU grating board.
- The product can be sprayed with a hopper gun or standard fine plastering machines.
- The working technique, application tool and substrate have a significant influence on the result.
- Tools must be cleaned with water regularly and immediately after use

### 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**

- The substrate must be sound, 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.
- In the case of 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.
- Check existing coatings for load-bearing capacity
- Remove non-load-bearing coatings
- on mineral and organic substrates
- Not suitable for weathered horizontal and sloping surfaces

### **Material preparation**

- Adjust to application consistency with as little water as possible
- Stir well before application
- For machine application, the amount of water added must be adjusted to the respective machine/pump.
- Intensive shades generally require less water to optimize the consistency of the material.
- If the material is diluted too much, the processing and properties (e.g. hiding power, colour tone) will deteriorate

### **Processing temperature**

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

### **Drying, curing, recoating time**

- Freshly applied plaster surfaces must be protected from intense sunlight with additional measures (e.g. scaffolding nets) if necessary
- The product dries physically through water evaporation
- Complete drying is achieved after approx. 14 days
- Unfavourable conditions delay drying
- In unfavourable weather conditions, suitable protective measures (e.g. rain protection) must always be taken on the facade surface to be treated or freshly applied
- At +20 °C air and substrate temperature and 65 % relative humidity: Can be recoated after approx. 24 hours at the earliest.

### **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