



Granosil RS KR

Silicone facade render - scraped render finish - to be used in cold and humid conditions.

Field of Application

Granosil RS KR is used as a finishing render with scraped render finish on Granol^{therm} EWIsystems or on other suited mineral or organic leveling mortars. Granosil RS KR is designed to be used in cold and humid conditions.

Composition

Mixture based on acrylic resins, calciumcarbonate, additives

Colours

White is the standard colour.

Granosil RS KR is available in the 185 colours of our colour chart for organic renders. Special colours can be made on request. It is not possible to use colours with brightness references below 20 on Granol^{therm} EWI systems.

Colour differences cannot be fully avoided due to colour differences in the natural raw materials and weather influenced drying processes. In the event of subsequent deliveries the remaining part of the material must be mixed with the new material on a continuity basis, to guarantee the same colour

Application

The render is ready for application and can be adjusted to trowel use, depending on substrate and weather conditions, by adding max. 2 % water.

For the application you should use a stainless steel rendering trowel/float or corresponding spray equipment in grain size, after which the surface is finished to the desired texture, using a PVC or stainless steel trowel or float.

The KR can also be sprayed with all current render machines, according to the instructions of the manufacturers.

To prevent accretion the workers must finish the connected surfaces „wet on wet“ onto each other on the supporting framework. On larger surfaces it is advisable to render through till there is an interruption (cleaning belts, joints, outlet pipes etc.).

The fresh renders must be protected against torrential rain and too fast drying. Especially with direct sun and wind influences suitable measures must be taken, such as e.g. covering the façade or the supporting framework. Do not process with substrate and / or environmental temperatures below 1°C OR above + 10° C. The relative humidity level may not be higher than 95%.

Tools and equipment must be cleaned with water immediately after use . Surrounding building parts, such as windows, windowsills etc. must be properly covered.

Consumption

Grain size 1,5 mm approx. 2,7 kg/m²

Grain size 2,0 mm approx. 3,4 kg/m²

Grain size 2,5 mm approx. 3,7 kg/m²

Grain size 4,0 mm approx. 5,3 kg/m²

Grain size 5,0 mm approx. 5,7 kg/m²



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Technical data

Water absorption	$\leq 0,15 \text{ kg}/(\text{m}^2\text{h}0,5)$
Resistance to diffusion	$\pm 0,10 \text{ } 0,40 \text{ m}$
Density	$\pm 1,75 \text{ kg}/\text{dm}^3$

Packaging

In 25 kg containers, ready for processing.

Store in a cool and frostfree area. Protect against direct sunlight. Can be stored in a closed container for at least 1 year. Opened containers must be used within a short period of time.

Remarks

With new buildings it is necessary that prior to the start of the rendering activities the material must be tried to such an extent that irregularities in the colour toning due to excessive moist from the inside to the outside are prevented. Do not mix binders and additives. Can't be mixed with standard Granosil KR. It is not recommended to use both Granosil KR and Granosil RS KR on the same surface.

As with all synthetic resin based renders a continuous moistening from the back must be prevented by proper sealing. (S. DIN 18195 sealing of building against moist).

Disposal

Present only completely empty container for recycling. Dried material remnants can be disposed off as domestic waste, liquid material remnants can be disposed off as paint debris on water basis.

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