



Granosil Silicone Render (Stipple Finish)

Material:

Low solvent final coat on silicone resin emulsion base with special bonding agents and smoothed grain aggregates.

Characteristics:

Very high water vapour permeable, very good weatherproofing, low tendency to contamination, resistant to atmospheric influences, weatherproof according to VOB, part C, DIN 18363, rot resistant, non swelling, low stress, environmental friendly, low odour. Very high resistance to environment pollutants and micro-organisms, UV-stable.

Application:

Granosil Silikonputz KR is applied as decorative facade final coating with texture coating appeal on Granol exterior wall insulation and render only systems. It can also be used as a final coat on all normal substrates with corresponding pre-treatment outdoors.

Technical data:

Water absorption coefficient	w = 0,1 kg/(m ² h0,5)
Diffusion resistance	sd ~ 0,1 m
Thermal conductivity:	0,60 W/(mK)
Water vapour diffusion resistance:	m = 60
Density approx.	1,72 kg/dm ³

Substrate

Substrates must be flat, supporting, clean and dry. Loose parts should be removed and smoothed when necessary. First coat for the prepared surfaces with Granol Granosil Silicon primer, in the colour tone of the respective decorative render.

With dubious substrates please ask for our consulting services.

Processing:

The render is ready for processing 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 trowel or corresponding spray equipment in grain size, after which you spread the structure evenly with a synthetic trowel, a wooden mortar board or a PU board.

Granosil Silikonputz KR can also be processed with suitable spray equipment in grain sizes up to 3,0 mm. The sprayed surface must always be textured up.

To prevent day joints the workers must apply the connected surfaces "wet in 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 drying too fast. 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 + 5° C. Tools and equipment must be cleaned with water immediately after use. Surrounding building Parts, such as windows, window-sills etc. must be properly covered.





Colour Tones:

There is an extensive choice of colour tones available. See our original samples. Special colour tones can be made on request. It is not possible to use colour tones with brightness references below 20.

Colour tone differences on the processed surface to the corresponding trials and treatments cannot be guaranteed because of the natural raw material choices 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.

Consumption:

Grain 1,5 mm	approx. 2,7 kg/m ²
Grain 2,0 mm	approx. 3,4 kg/m ²
Grain 2.5 mm	approx. 3.7 kg/m ²
Grain 4,0 mm	approx. 5,3 kg/m ²
Grain 5,0 mm	approx. 5,7 kg/m ²

Delivery:

In 25 kg containers, ready for processing.

Stocking:

Store in a cool and frost-free area. Protect against direct sunlight. Can be stored in a closed container for at least 1 year. Broached containers must be processed within a short period of time.

Special considerations:

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 moisture from the inside to the outside are prevented. Do not mix binders and additives.

Directions for dangerous situations / safety advice:

Keep out of reach of children.

Avoid eye contact.

In the event of eye contact immediately rinse thoroughly with water.

When spraying, do not inhale the spray dust.

All further safety-related information can be found in the safety data sheets.

Disposing:

Present only completely empty container for recycling. Dried waste material must be handled as hardened bonding material or as domestic refuse, liquid waste material can be disposed off as refuse from water mixable bonding materials.

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Our application recommendations, whether verbal, written or as graphics, are given to the best of our knowledge and the state of the art. Information about values, quantities etc. are based on approximate figures. The recommendations do not constitute a legally binding warranty of quality. In particular no liability claims may be based on these recommendations; the provisions of the product liability law remain unaffected. The recommendations do not release the purchaser from his own duty to test the product or from his own responsibility, and in particular they do not release the purchaser from compliance with the relevant technical guidelines, regulations, DIN and laws. Publication of a revised version of this technical information sheet due to technical progress invalidates all older versions of this document.

