



Granol KR

Acrylic topcoat render

Field of Application

Granol KR is used as a decorative façade render with scraped render finish on all Granol'therm EWI systems. It can also be used as a finishing render on all mineral surfaces, interior and exterior.

Composition

Granol KR is a dispersion based on acrylic copolymer resin, pigments, additives and inert loads.

Colours

White is the standard colour.

Granol KR is available in the colours of our colour chart. 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 avoided 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.

Characteristics

Granol KR is a ready to use organic render for a scraped render finish.

Preparation substrate

Substrates must be flat, load bearing, clean and dry. mortar remains, loose parts, soiling, residues of noise-insulating materials as well as worn parts must be removed.

First coat of the prepared surfaces with Granol'plus STG, in the colour tone of the respective decorative render.

With dubious substrates please ask for our consulting services.

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 burnishing tool or corresponding spray equipment in grain size, after which you rub evenly with a synthetic burnishing tool or wooden mortar board.

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

To prevent accretion 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 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 + 10° C or above 30° C.

The drying process of water-based organic renders is a physical process of evaporation and is influenced by the absorption of the substrate, the ambient temperature, the relative humidity of the air and ventilation. Drying becomes very slow if the relative humidity drops below 70%. When relative humidity comes close to 100%, drying stops. Vice versa the evaporation and curing process is accelerated by heat or strong wind.

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



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Consumption

Grain size 0,5 mm approx. 2,0 kg/m²
Grain size 1,0 mm approx. 2,3 kg/m²
Grain size 1,2 mm approx. 2,5 kg/m²
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

Technical data

Water absorption	≤ 0,5 kg/(m ² h0,5)
Resistance to diffusion	+/- 0,16 - 0,40 m
Density	+/- 1,72 kg/dm ³

Packaging

In 25 kg containers, ready for processing.

Store in a cool and frost-free area. Protect against direct sunlight. Can be stored in a closed container for at least 1 year. Opened containers must be processed 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.

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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