



Granicem Mineral Render (Scratched Finish)

Material:

Premixed dry mineral-based mortar in accordance with DIN 18 577. The properties comply with Mortar Group P I c, water-repellent, to DIN 18 550. The product consists of standardised mineral binders, graded aggregates and proven additives.

Properties:

Open to diffusion, weather-resistant, non-swelling, made water-repellent and non-combustible in accordance with building materials class A to DIN 4102.

Application:

Granicem is used as a decorative scratch render for use onto high/medium density block work or brickwork. It can be used as a top-coat render for most mineral substrates on both indoor and outdoor applications.

Granicem L is designed for use on lightweight block work, and may be used on high density substrates, but on lightweight block work, Granicem L should always be specified.

Technical data:

	Granicem	Granicem L
Apparent density of set mortar:	approx 1.5kg/m ³	approx. 1.3 kg/m ³
Grain Sizes	0 – 1.5mm	0 – 1.5mm
Modulus of Elasticity	± 9000 MPa	± 6000 MPa
Resistance to flex	>2.0 MPa	> 2.0 MPa
Retention water	± 93 %	± 94%

Substrate:

Cantillana Granicem adheres to all sound, mineral substrates. Mortar residue, loose particles, contamination, release agent residue and efflorescence or bloom must be removed.

If in doubt about the substrate, please consult our technical advisory service.

Processing:

The dry mortar is intensively mixed with 7- 8 litres of clean water to each sack. When preparing the mortar, make sure that the mixing time and consistency are constant, as this ensures that the appearance of the render is consistent in terms of colour and texture. When mixing the mortar by hand, allow the material to mature for approx. 10 minutes before stirring it once again.

Once the mortar has been applied and while it is still fresh, it must be levelled out and combed through with a notched float or smoothing trowel to remove any air inclusions.

The Granicem may also be applied using any of the standard render applicators, in which case please note the relevant manufacturer's instructions.

To avoid leaving application marks, the plasterers must be positioned in vertical rows along the scaffold so that connected areas can be applied "wet in wet". For larger areas we recommend applying the render up to a natural boundary (plastering strips, overhangs or shoulders, drainpipes etc.).

Depending on the weather conditions, the render is finished on the next day or the day after that with the aid of a scraping tool. The grain must process cleanly and without sticking to the scraper tool.

It is important that scraping takes place at the right time so that a clean texture is achieved. Once an area has been started, it must be finished rapidly and in one continuous operation.





The material scraped off during this process must not be re-incorporated in the render over a large area, but it can be used in part to repair some defects, e.g. to cover the holes left by scaffolding grapplers. Pigmented renders must be protected against the influence of water (rain) for 1-2 days after scraping if this is not done, it might lead to Efflorescence.

The fresh render must be protected against driving rain and from drying out too rapidly. Special protective measures, e.g. shrouding the façade or the scaffold, are required in the event of direct sunlight or wind effects. Do not apply at substrate and/or ambient temperatures below +5 °C. Clean tools and equipment with water immediately after use. Cover all structural elements such as windows, sills etc. carefully.

Colours:

There is a wide range of colours based on our original samples. Special colours may be produced by agreement.

Differences in shade between the finished surface and the relevant test areas or initial samples cannot be avoided. This is due to the fact that natural raw materials are used and that the drying processes are weather-dependent. If additional quantities are supplied, the remainder of the existing material should be mixed continually with the new material to ensure that the colour is the same.

Consumption:

At an application of 15mm thickness will use approximately the following material:

Granicem 23kg per m²

Granicem L 20kg per m²

Delivery:

In 30 kg paper sacks packed on EURO leased pallets.

Stocking:

It is essential that the product is stored in a dry place.

Additional information:

New buildings must be allowed to dry out before the render is applied. This is to avoid uneven colouring as a result of excessive moisture concentration from the inside to the outside. The product must not be mixed with binders and additives.

Information on risks and safety:

Do not breathe the dust.

Irritating to eyes and skin.

Risk of serious damage to the eyes.

Avoid contact with the eyes and skin.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

May cause sensitisation by skin contact.

For all other data relating to safety please refer to the safety data sheet.

Disposal:

Empty sacks only (no remaining product trickling out) may be recycled. Hardened waste product is to be disposed of as construction and demolition waste. EAK 17 09 04

[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.](#)

