An additional top coating with Kreidezeit Stucco Fine render lets you achieve high gloss. Marmorino is to be applied in 2 layers, each with approx. 1 mm of thickness. Due to this high layer thickness and the embedded marble grains, the appearance will be different from Kreidezeit Stuccolustro and from Stucco Fine Render. The results are evenly less textured, glossy and marble-like surfaces.

Marmorino has a natural fungicidal effect and is therefore also suitable for use in bathrooms and the like.

■ Uses

For walls and ceilings in the interior. Suitable surfaces for application are untreated, even and absorbent plasters: lime plasters, lime cement plasters, cement plasters.

All other plasters, rough surfaces, drywalls and fibrous plaster boards to be primed with Casein Primer (article no. 145) and to be entirely covered with Lime Wall Finish -fine- (article no. 969) prior to application of Marmorino. Unsuitable substrates are e.g. glue paints and chalking lime coatings, oil paints, latex paints, plastic coatings, wood, wood-based materials, metal, as well as all smooth, non-absorbent surfaces and permanently damp substrates. Not suitable for floors.

■ Properties

- Powder to be mixed with water
- Colour: white
- Can be tinted with up to 10 % of lime resistant pigments
- Open to diffusion
- Natural white due to fine marble flour
- Without Titanium White
- Water repellent after treatment with Kreidezeit Polishing Soap.
- odourless, emission-free
- vegan

■ Composition (Full Declaration)

Marble lime hydrate, marble flour, marble sands, cellulose, clays, methyl cellulose.

■ Suitable Tools

Suitable tools are Venetian trowels, Spring-steel trowels.
You will find quality tools in our assortment:
Venetian trowel 200 x 80 mm (article no. K 4227)
Venetian trowel 240 x 100 mm (article no. K 4228)
Spring-steel Trowel, 200 x 80 mm (article no. K 4225)

■ Substrate Requirements

The surface must be absorbent, solid and clean, dry, free of dust, fat and striking-through or colouring substances.

■ Preparing the Substrate

- Remove old glue-bound distemper coatings and other chalking or non-coatable coatings.
- Remove accumulations of binder and sintered skin from plaster surfaces.
- Remove moulding oil from concrete.
- Remove loose parts of plaster and brickwork and repair with similar material.
- Brush sanding surfaces thoroughly.
- Clean fungi-affected areas with Soda leach (art. 993).
- Mould infested mineral substrates should be cleaned with Soda lye (article no. 992) or treated with Fungi Stop (article no. 620).

■ Mixing the Render

Stir the powder into the required amount of clean, cold water using a powerful electric drill with a paint stirrer. Ensure that all clots are stirred out properly. Clean the rim of the bucket with a trowel from time to time. After an expanding time of at least 20 minutes, stir again thoroughly before application.

Tipp: The best quality is achieved when the render is mixed one day before application and covered with plastic foil, this leads to the best consistency.

■ Water Required

1 kg of powder requires 350-400 ml of water.

■ Tinting

Marmorino can be tinted up to 10 % with all Kreidezeit earth- and mineral pigments.

Do not add more than 5% of pure Ironoxide pigments.

Stir pigments into the mixing water before mixing the render. Ensure that all clots are stirred out properly. To gradate, stir pigments in water and add to the already mixed render. We recommend to clean the rim of the bucket with a trowel and to pour the tinted render into a new, clean bucket to get rid of untinted residues in the corners of the bucket.

Do not store Marmorino pigmented with ultramarine pigments for longer than 24 hours.

For tinting, please see our Kreidezeit Wall Paints and Renders colour fan.

The colour fan is available online at www.kreidezeit.de. Printed versions are available from Kreidezeit and Kreidezeit dealers.

■ Primer

Apply a base coat to all renders, fillers, levelled drywall and concrete with Vega Primer (art. 2104) or Casein Primer (art. 145) and leave to dry completely.

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■ Equalisation

On untreated, damage-free and evenly absorbent lime plasters, lime cement plasters, cement plasters an intermediate coating with Lime wall Finish is not necessary.

All other plasters, rough surfaces, drywalls and fibrous plaster boards to be primed with Casein Primer (article no. 145) and to be entirely covered with Lime Wall Finish -fine- (article no. 969) prior to application of Marmorino.

■ Application

Application temperature at least 8°C.
Wet dry subsurfaces before application.
Marmorino is to be applied in 2 layers.

1st Layer

Apply marmorino with a trowel all over the surface evenly smooth or with slight structure. Apply Marmorino only slightly thicker than the grain size (approx. 1 mm). Let set until the surface has become strong against impact. The 1st layer of Marmorino must not be polished nor densified.

2nd Layer

Apply Marmorino with a trowel again all over the surface and only slightly thicker than the grain size (approx. 1 mm). The right point of time for polishing Marmorino depends on the water content of the surface, its absorbency and the climate, and may vary strongly.

Soaping

When the surface has become strong against impact, apply Kreidezeit Polishing Soap (art. 224) thickly, regularly and allover the surface with a soft brush.
After a short setting time densify and polish with a trowel while taking off surplus material.
Through this, a higher gloss and a water and dirt repellent surface is achieved.
Chemically this process creates an insoluble lime-soap by the reaction of polishing soap with the lime in the surface.

Alternate way of application

Instead of densifying the second layer of Marmorino to silk-gloss, a very thin additional layer of Stucco Fine Render (article no 1401) can be applied on top.
Densify, soap and polish the surface as explained above.

■ Further Treatments

After at least 24 hours of drying time and to achieve a higher gloss, apply Kreidezeit Punic Wax (article no. 197) thinly and polish with a Venetian Trowel.

■ Special effects

To achieve metallic and interference effects, Punic Wax can be tinted with Kreidezeit Pearl Gloss Pigments (article no. 1.10 - 4.19).
Nice decorative applications can be given with Kreidezeit Stencils. If Multi Purpose Wax (article no. 511) is stencilled onto the smoothed and soaped surface, the Marmorino gets a darker, deeper shade at this area. This results in a discreet, noble accent with a velvety sheen.
Please see our catalogue for Pearl Gloss Pigments and stencils.

■ Drying Times

Dry after approx. 24 hrs at 20°C and 65% relative humidity.

■ Cleaning The Tools

Immediately after use with water.

■ Application Rates

approx. 2 kg of powder per 1 m² for 2 layers

■ Package Sizes

Art. 988.1	2.5 kg
Art. 988.2	5 kg
Art. 988.3	10 kg
Art. 988.4	25 kg

Please refer to the valid price list for product prices.

■ Storage

Stored cool, dry and above zero degrees centigrade, the product can be kept for at least 2 years.

■ Disposal Of Residues

Do not dispose of residues in the sewage system.
Dried residues can be disposed of with normal household litter.
Disposal of empty containers through resource collection points.

■ EU VOC Value acc. to 2004/42/EC

VOC limit / Max. VOC content (cat. A/b): 100 g/l (2010), Product contains max. 1 g/l VOC.

■ Warning

Pay attention to possible natural substance allergies. The natural raw materials used produce a typical product smell! Keep out of reach of children.

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Danger

■ Hazard Statements

- H315 – Causes skin irritation.
- H318 – Causes serious eye damage.
- H335 – May cause respiratory irritation.

■ Precautionary Statements

- P261 – Avoid breathing dust.
- P280 – Wear protective gloves/protective clothing/ eye protection/face protection.
- P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.
- P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 – Call a POISON CENTER or doctor/physician if you feel unwell.
- P501 – Dispose of contents/container to disposal.

■ Notes

We recommend attending a Marmorino seminar at Kreidezeit as working with Marmorino demands some skillful craftsmanship and extensive knowledge regarding adhesion to other materials. Refer to our Homepage for dates and details or phone us or your Kreidezeit specialist dealer.

The information above was determined based on our most recent experiences. Due to processing methods and environmental influences, as well as the varying nature of the substrates, liability for the general validity of the individual recommendations is excluded. Users must test the product prior to application to ensure it is fit for the designated purpose (sample coating).

This document is no longer valid if a new version is published or the product is modified. The latest product information is available at Kreidezeit directly or on the Internet: www.kreidezeit.de

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