
Stuccolustro



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• GENERAL

Stuccolustro is a two component plaster for high-quality, natural spatula techniques, based on pit lime and marble flour.

Fascinating surfaces with the lustre and transparency of polished marble can be created with Kreidezeit Stuccolustro.

The ready-to-use plaster is freshly made on site by mixing the liquid component and the powder component. The two component system has the following advantages: the freshly mixed plaster can be applied easily and tinted as desired. The single components can be stored for a long time.

• HISTORY

Stucco lustro (italian for "blank stucco")
The technique of applying a fresco of several layers of fine plaster with a final paint and a surface finish of olive oil soap, smoothed with a hot trowel has been known since ancient times. The murals in Pompeii are also smoothed frescos. We know from ancient authors (Vitruv) that slaking the lime for several years was prescribed by law.

• APPLICATION

For use in the interior

• PROPERTIES

- Purely mineral
- Two components
- No environmental hazardous ingredients
- Neutral odour
- Resistant to dirt
- Water resistant
- Stuccolustro treated with polishing soap is water repellent
- Disinfectant
- Low-tension drying
- Open to diffusion, permeable to water vapour
- Can be applied in fresco on lime plaster
- Can be applied on clay plaster using a special mixture

• DENSITY (SPECIFIC WEIGHT)

Mixture, ready to use: 1.60 g/cm³

• INGREDIENTS

Wood-burnt marble pit lime, slaked for at least 2 years, sinter water, marble flour, clay, earth and mineral pigments (not used in white Stuccolustro), cellulose.

• HUES

White, yellow ochre, red ochre, black

• TINTING

Stuccolustro white can be tinted with up to 5 % of lime resistant pigments. This means that 12.5 kg of Stuccolustro can be tinted with up to 625 g of pigments. The pigments are stirred without clots into a little water and then mixed into the component A before mixing the two components. The pigment paste can also be mixed into the readily mixed plaster. Mix thoroughly to achieve homogeneous tinting. We recommend to clean the rim of the bucket with a trowel and to pour the tinted paint into a new, clean bucket to get rid of un-tinted residues in the corners of the bucket.

• VISCOSITY

Paste-like

• MIXING

The best quality is achieved when the two components are mixed one day before application and stirred again thoroughly immediately before application.

Stir component A and fill into a suitable container. Add half of the component B by stirring. Use a powerful electric drill with a paint stirrer. Add the rest of component B after stirring shortly and keep on stirring for at least 10 minutes. Clean the rim of the bucket from time to time with a trowel.

Small packages can be mixed with a kitchen mixer. The two components can also be mixed manually if no kitchen mixer is available.



• SUITABLE SURFACES

Suitable are all surfaces that are coatable, solid, free of fat and clean and which are prepared properly. We recommend a classic lime plaster or Kreidezeit Lime Wall Finish -Fine Texture- for the sub-surface.

Only this composition brings out the benefits of the product like diffusivity and resistance to fungi and bacteria.

Clay Plaster

Stuccolustro Clay is a special mixture for clay plaster. It is applied as an intermediate layer on the clay plaster which is first primed with Casein Primer. This mixture contains a portion of clay which ensures good adhesion on the clay plaster.

• PREPARATIONS

- Stuccolustro can be applied directly (frescal) on fresh, set and half dry lime plasters without intermediate layer.
Prime new dry lime plaster with Casein Primer.
- All other old and new plaster must be primed with Marble Fibre Render (Art.No. 946). Slightly sanding and strongly absorbent surfaces must be primed with Casein Primer (Art.No. 145) beforehand.
- Remove old coatings from clay plaster, brush thoroughly, prime with Casein Primer (Art.No. 145) and apply Stuccolustro Clay (Art.No. 190) as first layer.
- Remove **old glue-bound distemper** coatings and other chalking or non-coatable coatings.
- Completely remove any **wallpaper**. Thoroughly wash off glue residues.
- Remove old emulsion **silicate paint coatings** mechanically.
- Check **lime and pure silicate paints** for coatability, remove if necessary.
- Prime **gypsum plaster** with Casein Primer.
- Prime **drywalls, fibrous plaster boards and gypsum plaster** with Marble Fibre Render.
- Brush sanding surfaces thoroughly.
- Remove accumulations of binder and sintered skin from plaster surfaces.
- Remove residues of molding oil on concrete surfaces.

- Remove loose parts of rabbits and brickwork and repair with similar material.
- Striking-through or colouring substances on the surface must be blocked with Shellac-Shielding Primer (Art. No. 234) and then primed with Marble Fibre Render.
- Clean fungi-affected mineral surfaces with caustic soda and treat with Fungi-Ex (Art.No. 620).

• USAGE

Stuccolustro is applied **thinly in two layers** using a Venetian trowel.

The **first layer** is applied evenly without much pressure and left to harden for approximately 10 - 20 hours. This smoothens and fills the surface.

The **second layer** is also applied thinly but in small spots. Apply plaster spots over a surface of approx. 1.5 m² in an open spreading. After the first spots start drying, apply more spots in the spaces so that there is an overlay. Continue until the whole surface is covered. It is important that the first spots have started drying, otherwise the typical structure will not come out. A darker, deeper hue occurs where the spots overlay during densification. The look or the result is depending on the size of the plaster spots and the personal style of the operator.

Leave the second layer to set. The typical light-and-dark colour effects and the shiny surface are achieved by powerful densification with the Venetian trowel. The effects can be intensified by using a heated (60 - 80 °C) trowel.

You will find quality Venetian trowels made from stainless steel in our assortment.

• Polishing

Kreidezeit Polishing Soap (Art.No.199)

Apply generously with a soft brush. After a short drying time densify with a cold or heated Venetian trowel to take off surplus material.

Through this, a higher gloss and a water and dirt repellent surface is achieved, suitable for instance for bathrooms.

Chemically this process creates an insoluble lime-soap by the reaction of polishing soap with the lime in the surface. Take also note of our product information Polishing Soap.



Kreidezeit Punic Wax (Art.No. 197)

If high gloss is desired, apply Kreidezeit Punic Wax thinly with a Venetian trowel and polish with trowel after drying.

More Effects

You can use stencils to create wonderful borders. If you use Kreidezeit Multi Purpose Wax (Art.No. 511) to stencil onto the polished and soaped surface to achieve a darker, deeper hue of the Stuccolustro. This creates a unobtrusive, noble look with a silky shine. You will find a selection of stencils in our catalogue.

It is also possible to use several hues or colours during spot-stopping.

Use diluted Stuccolustro, lime paint or diluted casein paint to vein, paint or line the polished but not yet soaped surface. Use the trowel carefully to smoothen the decoration when the paint is matt and set.

• **REPAIRING PARTIAL DAMAGES**

Sand the damaged area slightly and repair with original material.

• **DILUTION**

Adusted ready to use, dilute with little water if necessary.

• **DRYING TIME**

Safe to coat after approx. 12 - 20 hrs at 20 °C and 65% relative humidity.
Completely dry after approx. 4 weeks.

• **CLEANING OF TOOLS**

Immediately after use with water.

• **YIELD**

Approx. 1 kg per m² if applied in 2 layers at a total thickness of approx. 1 mm.

• **PACKAGE SIZES**

Art. No. 181.1 1.13 kg
Art. No. 181.2 2.26 kg
Art. No. 181.3 12.50 kg

• **STORAGE**

Store cool, above zero degrees centigrade and sealed airtight. Unopened containers can be stored for at least 2 years. Mixed Stuccolustro can be kept for approx. 2 months if sealed airtight and covered with little water. Use up Stuccolustro tinted with Ultramarine Blue or Ochre Red within one week.

Dried residues can be disposed of with normal household litter or as construction waste.

• **HAZARD CLASSIFICATION**

Xi, irritant
(acc. to European Council Directive 67/548/EWG)

• **SAFETY ADVICE AND NOTES**

Stuccolustro is alkaline. Product is irritating to eyes and skin. Danger of serious injuries to the eyes. Wear suitable protective gloves and goggles during application. Protect skin with barrier cream. Remove product splashes on skin immediately with water. In case of eye contact rinse immediately with plenty of water (also under the eyelids) and seek medical treatment.

Keep out of reach of children!

Glass, metal and lacquered surfaces as well as all other sensitive surfaces should be covered. Remove product splashes immediately with water.

We recommend to attend a smoothing techniques seminar at Kreidezeit because Stuccolustro works demand skillful craftsmanship. Refer to our Homepage for details or phone us or your Kreidezeit specialist dealer. Please take note of our product information regarding Marble Fibre Render, Polishing Soap, Punic Wax, Multi Purpose Wax and Casein Primer.

The above information has been compiled in accordance with the best of our experience and knowledge. Owing to the application methods and environmental influences, as well as the various surface properties, no liabilities or legalities pertaining to the individual recommendations can be entertained. Prior to application, the suitability of the product is to be tested (trial coat).

The validity of the text ceases with revisions or product modifications. You will find the latest product information at >> www.kreidezeit.de << or directly at Kreidezeit.

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