

Mike Wye & Associates

Suppliers of Natural Building and Decorating Products

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Casein Shine Surfacers

Product Information 983 - 985

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• GENERAL

Casein-bound surfacer for high-quality, natural smoothing techniques. Fascinating, shiny, spattered surfaces can be realized quick and easily with Kreidezeit Casein Shine Surfacers.

• APPLICATION

Suitable for application on walls and ceilings in the interior on even and coatable surfaces like plaster, concrete, plaster boards, fibrous plaster boards. Unsuitable surfaces are e.g. old glue-bound distemper coatings, chalking lime coatings, oil paint coatings, latex- and plastic coatings, wood and wood-based material, metal, surfaces with residues of glue and all even, non-absorbent surfaces as well as permanently humid surfaces. We recommend KREIDEZEIT-Stuccolustro or KREIDEZEIT-Tadelakt for smoothing techniques in humid rooms, especially in splash-water areas.

• PROPERTIES

- Powder to be mixed with water
- Colour: white
- Easy to use
- Open to diffusion, permeable to water vapour
- Natural white due to fine marble flour
- Without Titanium White
- Dirt-repellent after treatment with KREIDEZEIT Punic Wax
- All ingredients from natural sources
- Free of antidegradants
- Density (Powder): approx. 0.73g/cm³
- Viscosity: paste-like after mixing with water

• INGREDIENTS

Marble flour, Chalk, Clays, Casein, Diatomaceous earth, Cellulose, Borax, Methylcellulose.

• MIXING

Stir the powder into the correct amount of cold, clean water. Use a powerful electric drill with a paint stirrer. Clean the rim of the bucket with a trowel from time to time.

Small packages can be mixed with a kitchen mixer.

After an expanding time of approx. 30 minutes (the time the casein needs to react with the borax), stir again thoroughly.

• SUITABLE TOOLS

Suitable tools are Venetian trowels, Spring-steel trowels, Japanese spatula.

• PREPARATIONS

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

- Remove old glue-bound distemper coatings and other chalking or non-coatable coatings. Thoroughly wash off wallpaper glue residues.
- Brush sanding surfaces thoroughly.
- Remove accumulations of binder and sintered skin from plaster surfaces.
- Remove residues of molding oil from concrete.
- Remove loose parts of plaster and masonry and repair with similar material.
- Striking-through or colouring substances on the surface must be blocked with Shellac Shielding Primer (Art.No. 234) before application.
- Wash areas infested by mildew and treat with Fungi-Ex (Art.No. 620).

• USAGE

Application temperature at least 8°C.

1. Priming

Slightly sanding and strongly absorbent or differently absorbent surfaces must be primed with Casein Primer (Art.No. 145)

2. Equalisation

Spattle rough plaster surfaces with Marble Fibre Render (Art.No. 945 - 948). Spattle plain surfaces entirely with one layer of Casein Shine Surfacers.

3. Smoothing

Apply Casein Shine Surfacers Casein in thin layers with Venetian trowel, Spring-steel trowel or Japanese spatula. After a short while, smooth with slight pressure. After a sufficient drying time, densify till the surface is shiny.

Instructions for spot stopping :

Apply plaster spots over a surface of approx. 1.5m² in an open spreading. After the first spots start drying, apply more spots in the spaces so that there is an overlay.

Carry on until the surface is covered. It is important for the forming of a texture that the lower spots have set. A darker, deeper hue occurs where the spots overlay during densification. The look or the result is depending on the size of the spots and the personal style of the operator.

• FURTHER TREATMENT

If high gloss is desired, apply KREIDEZEIT Punic Wax (Art.No. 197.1) thinly with a Venetian Trowel and polish with trowel after drying.

More Effects:

The Punic Wax can be tinted with pearlescent pigments to achieve metallic and interference effects. You can find a large selection (Art.No. 1.10 - 4.22) in our product range.

You can use stencils to create wonderful borders. If you use Kreidezeit Multi Purpose Wax (Art.No. 511) to stencil onto the polished surface to achieve a darker, deeper hue of the surfacer. This creates a unobtrusive, noble look with a silky shine. It is also possible to use several hues or colours during spot-stopping.

• REPAIRING PARTIAL DAMAGES

Sand the damaged area slightly and repair with original material. Sand down any wax residues (Punic Wax) thoroughly beforehand if necessary.

• TINTING

The surfacer can be tinted up to 10% with all Kreidezeit earth-, mineral- and Spinel pigments, except from Sootblack and Cassell Earth. Other pigments must be alkali resistant.

Stir pigments into the mixing water before mixing the plaster. Ensure that all clots are stirred out properly.

To gradate, slake pigments in water and add to the already mixed plaster.

According colour charts are available at our dealers.

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 untinted residues in the corners of the bucket.

• AMOUNT OF WATER

1kg of paint powder requires 500 – 550ml of water.

• DRYING TIMES

Safe to coat after approx. 12 - 15hrs at 20°C and 65% relative humidity.

• CLEANING OF TOOLS

Immediately after use with water.

• YIELD

Approx. 190g/m² for one layer.

- **PACKAGE SIZES**

Art.No. 983 1kg

Art.No. 984 2,5kg

Art.No. 985 5kg

Please refer to the valid price list for product prices.

- **STORAGE**

If stored cool, dry and above zero degrees centigrade, the powder can be kept for at least 3 years. Use up mixed surfacer the same day.

- **DISPOSAL OF RESIDUES**

Do not dispose of residues into the sewage system.

Residues can be composted or be disposed of with normal household litter when dried. Dispose of empty containers through resource collection points.

- **SAFETY ADVICE**

Not applicable, non-hazardous product.

- **NOTE**

Also paints made from natural and non-toxic ingredients should always be kept out of reach of children.

Consider possible allergies to natural substances.

Casein products have a typical smell during application that disappears after a few days in a dry environment.

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.mikewye.co.uk