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# Casein Primer

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Product Information  
145

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## • GENERAL

A colourless, transparent primer applicable in manifold ways for subsequent coatings and thin layers of plaster with KREIDEZEIT casein paints, lime paints and plaster in the interior.

## • APPLICATION

Suitable for application on all untreated surfaces like clay plasters, lime plasters, lime based cement plasters and gypsum plasters, plasterboards, stone and concrete.

Not suitable for smooth, non-absorbent surfaces and permanently humid surfaces.

For transparent solidification of plasters, especially clay plasters in the interior. However, in this case it is necessary to make samples (see "Tips").

The application of Casein Primer within the various KREIDEZEIT paint systems is described in the respective product information.

## • PROPERTIES

- Powder to be mixed with water.
- Reduces the absorbency of strongly absorbent surfaces and levels out different grades of absorbency of a surface.
- Solidifies slightly sanding surfaces; highly permeable.
- Colourless, transparent.
- Easy to use.
- Good coverage.
- Highly diffusible.
- Free of preservatives.
- Residues can be composted.

## • INGREDIENTS (FULL DECLARATION)

Casein, soda.

## • SUITABLE TOOLS

Suitable tools are quality wall and ceiling brushes made out of natural bristles.

Do not spray or apply with a roller.

You will find quality wall and ceiling brushes in our assortment.

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|---------------------|--------------------|
| Facade brush        | (Art.No. P 6080)   |
| Ceiling brush small | (Art.No. P 6054.1) |
| Ceiling brush large | (Art.No. P 6054.2) |

## • PREPARATION

The surface must be untreated, clean, dry, solid, free of grease and free of striking-through or colouring substances.

- Remove old glue-bound distemper coatings and other chalking or non-coatable coatings. Thoroughly wash off glue residues.
- Dedust surfaces thoroughly, brush sanding surfaces.
- Check old coatings for good adhesion; remove if necessary.
- Remove accumulations of binder and sintered skin from plaster surfaces. Etch fresh plasters containing lime.
- Remove residues of molding oil from concrete.
- Remove loose parts of plaster and masonry and repair with similar material.
- Clean funghi-affected mineral surfaces with soda.

## • MIXING THE CASEIN PRIMER

A bucket (10l) and an electric drill with a paint stirrer are suitable for mixing the Casein Primer.

Stir the Casein Primer (250g pouch) little by little into 2 litres of clean, cold water. Ensure that all clots are stirred out properly.

After an expanding time of approx. 30 minutes, stir again thoroughly and dilute with 6 litres of water.



- **USAGE**

Apply Casein Primer evenly and lusciously. Apply only the amount of fluid that can be absorbed by the surface.

Important: remove excess fluid (wet, shiny areas) using a cloth.

Temperature for application should be at least 8°C.

Use up mixed Casein Primer in one day.

- **DRYING TIMES AT STANDARD ATMOSPHERE**

After 8hrs at 20°C dry and safe to coat with paints or plasters based on pit lime or casein.

- **YIELD**

According to the absorbency of the surface:

250g of powder cover approx. 40–60m<sup>2</sup>.

Precise consumption values to be determined on site.

- **PACKAGE SIZE**

Art.No. 145

250g

Outcome: 8 litres of primer

Please refer to the valid price list for product prices.

- **STORAGE**

The powder can be kept at least 2 years if stored cool and above zero degrees centigrade.

- **CLEANING OF TOOLS**

Clean with water immediately after use and, if necessary, with slightly soapy water (Marseille Soap, Art. No. 220).

- **DISPOSAL OF RESIDUES**

Do not dispose of residues in the sink. Residues can be composted or be disposed of with normal household litter when dried.

- **TIPS**

- **Transparent solidification of plasters:**

For the transparent solidification of clay plasters and other plasters without subsequent paint coatings, the described procedures are the same.

It is, however, important to ensure that the Casein Primer is absorbed totally by the plaster, otherwise shiny areas could remain.

The application of the primer has to be carried out from the **bottom upwards (!!!)** to prevent varnish tears.

The tone of the plaster might become slightly darker.

It is essential to apply trial coats before applying the primer on large areas in order to evaluate the development of the tone and to recognize potential irritations (white spots, efflorescing) of the plaster in time.

- **HAZARD CLASSIFICATION**

Not applicable, non-hazardous product.

- **SAFETY ADVICE / NOTES**

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

Casein paints have a typical smell during application that disappears by and by in a dry environment.

Consider possible allergies to natural substances.

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](http://www.kreidezeit.de) << or directly at Kreidezeit.

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