



# Casein Primer

Product information article no. 145

11.10.2019

## ■ General

Multi-purpose, colourless transparent primer for subsequent coats and thin-layer plastering with Kreidezeit Casein paints, lime paints and plasters. Kreidezeit Casein primer has no reducing effect on the vapour absorption of plasters (sD value < 0.01 m) and is therefore an ideal primer, especially for clay and lime plasters.

## ■ Uses

Suitable for use on all untreated substrates such as clay, lime, lime-cement, gypsum plasters, gypsum plasterboard and gypsum fibre boards, stone, concrete.

Recommended for priming absorbent old paints before renovation: e. g. Kreidezeit casein-, clay-, lime- and emulsion paints.

Not suitable for all smooth, non-absorbent surfaces and permanently moist substrates.

For transparent solidification of plasters, especially clay plasters indoors; here it is necessary to create test areas (see chapter "Tips").

The use of casein primer within the different Kreidezeit paint and plastering systems is described in the corresponding product information.

## ■ Properties

- powder for mixing with water
- reduces the absorbency of highly absorbent substrates and compensates different absorbencies of the substrates.
- solidifies slightly sandy substrates.
- very good penetrating power
- colourless, transparent
- easy to process
- very economical
- highly diffusible.
- free of preservatives
- paint residues are compostable

## ■ Composition (Full Declaration)

Casein, sodium carbonate.

## ■ Suitable Tools

Facade and ceiling brushes.

You will find quality facade and ceiling brushes in our assortment:

Facade Brush (Article no. P 6080)

Lime Brush (Article no. P 6082)

Ceiling Brush (Article no. P 6054.1)

Do not spray or apply with a roller.

## ■ Preparing The Substrate

The substrate must be absorbent, clean, dry, solid, free of grease and free of penetrating and colouring substances.

- Thoroughly remove old distemper coats and other old chalking or unstable old paint coats. Thoroughly wash off any residual wallpaper glue from the substrate.
- Thoroughly remove dust from surfaces and thoroughly sweep sandy surfaces.
- Check old coatings for good adhesion and remove them if necessary.
- Remove accumulations of binders and sintered skin on plaster surfaces. Etch fresh lime-based plasters.
- Remove any residual mould oil on concrete.
- Remove loose parts of plaster, wall and repair with similar material.
- Clean mould-affected mineral substrates with soda lye.

## ■ Mixing the Casein Primer

For mixing the casein primer, it is best to use a 10 litre bucket and an agitator (drilling machine + whisk).

Add the casein primer (250 g) to 3 litres of clean cold water while stirring constantly. Make sure that all the lumps are mixed. After an expanding time of approx. 30 minutes, stir again thoroughly and dilute with 5 litres of water.

## ■ Application

Apply casein primer evenly and saturated.

Only apply as much liquid as is absorbed by the substrate.

Remove excess material (wet glossy spots) with a cloth before drying.

Application temperature min. 8°C.

The Primer must be applied on the same day as mixing. Do not use Primer that smells bad or rotten under any circumstances: Danger of prolonged odour problems even after drying!

## ■ Drying Times

Dried after approx. 8 hours at 20 °C and safe to coat with paints or plasters based on lime or casein.

## ■ Consumption / Range

Depending on the absorbency of the substrate, 250 g powder can be used for approx. 40 - 60 m<sup>2</sup>.

Exact consumption values to be determined at site.



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## ■ Package Sizes

Article no. 145 250g, for 8 litres of primer  
For prices, please refer to the valid price list.

## ■ Storage

The powder can be stored in a cool, dry and frost-free place for at least 2 years.

## ■ Cleaning The Tools

Immediately after use with water.

## ■ Disposing Leftover Product

Do not discharge product residues into the waste water. Product residues can be composted, or can be disposed of dried in the household waste.

## ■ Tips

### Transparent solidification of plasters:

For the transparent solidification of clay and other plasters without subsequent application of paint, we recommend KREIDEZEIT Wall Glaze Binder (Art. 760). You will find detailed instructions on how to proceed in the corresponding product information.

## ■ EU VOC Value acc. to 2004/42/EC

VOC limit / Max. VOC content (cat. A/h): 30 g/l (2010),  
Product contains max. 1 g/l VOC.

## ■ Hazard Classification

None, non-hazardous product.

## ■ Warning

Pay attention to possible natural substance allergies. Due to the natural raw materials used, a typical product odour occurs which disappears in dry surroundings over time! Keep out of reach of children.

*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](http://www.kreidezeit.de)*