



Distemper glue-bound

Productinformation Article no. 118

09.08.2018

■ General

Until the 1960s, glue-bound distempers were the most used paints for the interior in West-Germany, in East-Germany they were used until the fall of the Berlin Wall. Glue paints disappeared from the market despite all their advantages due to the spread of ready-to-use plastic dispersion paints. The binders of former glue colours were mainly bone, starch and leather glues. Kreidezeit paint contains methyl cellulose as a binder. It is free of preservatives and defoaming agents and is therefore particularly suitable for allergy sufferers. Glue paints are highly permeable to diffusion and thus have a positive effect on the room climate.

■ Uses

Wall and ceiling paint for interior use. Suitable for all structurally-sound, absorbent indoor renders (clay, lime, gypsum and cement), fillers, ingrain wallpaper, pure wallpaper, paper fleece, plasterboard, gypsum fibreboards, concrete and firmly ingrained, matt and absorbent emulsion paints. Kreidezeit Distemper is ideally suitable for stucco work, painting in ceilings, but also for walls, especially on surfaces that require low-tension painting. Unsuitable substrates are e. g. oil paints, plastic coatings, non-absorbent and permanently moist substrates. For wet rooms, we recommend Kreidezeit Lime Paint (article no. 888).

■ Properties

- Powder for mixing with water
- Easy to process
- Very good opacity, matt, dry wiping-resistant
- repaintable several times
- Natural white due to fine marble flour
- Whiteness corresponds to the colour of Kreidezeit Casein Marble Paint and Vega Wallpaint
- Without Titanium White
- Low-tension drying
- Highly open to diffusion
- Nearly odourless
- Free of antidegradants
- Water-reversible, easy to remove
- Vegan

■ Composition (Full Declaration)

Chalk, Marble flour, Kaoline, Methylcellulose

■ Suitable Tools

Good quality, medium-pile paint roller (polyamide) and paint brush. Airless sprayers (min. air pressure 200 bar).

Recommended from the Kreidezeit range:

Facade brush (article no. P 6080)

Lime brush (article no. P 6082)

Professional roller (article no. 6365)

Professional roller (article no. 6565)

■ Substrate requirements

The substrate must be **absorbent**, structurally sound, clean, dry, solid, non-greasy and free from colouring and permeating ingredients.

■ Preparing the substrate

Thoroughly remove old distemper coats and any other old chalking, loose or unworkable coats. Thoroughly wash any wallpaper adhesive residue off the substrate. Thoroughly sweep sanded surfaces.

Remove binder accumulations and sinter skin from render surfaces. Remove mould oil residue from concrete surfaces. Remove any loose render or wall parts and touch up with a similar material. Penetrating and colouring ingredients in the substrate can be sealed off with Shellac Sealing Primer (article no. 234) before the paint is applied.

Clean any mouldy mineral substrates with soda (article no. 993) or treat with Fungi Stop (article no. 620).

Completely fill any drywall (plasterboard, fibreboard, etc.) (Q4) or cover fully with Paper Fleece (article no. 007).

Fully cover any render substrates with a different structure, different absorbency or any touch-ups using paper fleece, or completely fill with Kreidezeit Wall Filler or Lime Wall Finish to at least 1.5 mm.

■ Primer

Apply a base coat to all renders, fillers, levelled drywall and concrete with Vega Primer (article no. 2104) or Casein Primer (article no. 145) or Paint Glue (article no. 1103 / 125 g Paint Glue on 8 L of water) and leave to dry completely. Do not apply to paper fleece/wallpaper and old emulsion paints.

■ Mixing the paint

Stir in the specified amount of powder into clean, cold water, until the mixture is smooth. Use a **powerful drill with agitator**. Leave to expand for at least 30 minutes and stir well again before processing. The best processing consistency is obtained by mixing the paint one day before application.

■ Water required

Mix 1 kg of paint powder with 900 ml of water. Adjust paint/water mixture to suit the surface; i.e. a little more water may be required for a particular application.

■ Application

Application temperature at least 8°C.

Stir occasionally during application.

Two coats are typically required for full opacity. Do not attempt to cover dark and high-contrast substrates with only one coat of paint; excessive application thicknesses can lead to damage to the coating! Allow previous coats to dry completely before



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applying another coat. During the application, the wet paint is translucent; it only becomes fully opaque once drying is complete.

The first coat of Distemper can also be rolled. All subsequent coats must be applied by brushing with paint brushes.

- Using a paint brush:

Apply evenly with a facade brush in a criss-cross pattern.

- Using a roller:

Apply the paint **liberally** and evenly in a criss-cross pattern. Then immediately use a roller in a single direction, without applying any further paint.

The mixed paint must be applied in 2-3 days. Do not use paint that smells bad or rotten under any circumstances: Danger of prolonged odour problems even after drying!

■ Tinting

Distemper can be tinted with up to 10% Kreidezeit earth and mineral pigments (max. 100 g pigment per 1 kg paint powder). Either stir the pigment directly into the preparation water until smooth before mixing in the white Distemper powder, or create a paste with a little water and then mix in with the finished Distemper.

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.

■ Renovation

Kreidezeit Distemper can only be repainted with Kreidezeit Distemper. Glue-bound distempers must not be coated with other types of paint (danger of chipping), but only with distempers of the same manufacturer.

Distemper must be removed before repainting with other wall paints. To do this, soak the Distemper in water, scrape it off and wash off paint residues with a sponge.

■ Drying Times at Normal Climate

Safe to coat after approx. 8 hrs.

Thoroughly dried after approx. 24 hrs.

■ Consumption

On even and normal absorbent surfaces approx. 125 g of paint powder per m² per coating.

Accurate consumption values to be determined on site.

■ Package Sizes

	Content	Range
Art. 118	5 kg	40 m ²

Please refer to the valid price list for product prices.

■ Storage

If stored cool and dry, the paint powder can be kept for at least 3 years. Tip: Small quantities of mixed paint can be frozen for repair purposes.

■ Cleaning The Tools

Immediately after use with water.

■ Disposing Leftover Product

Do not dispose of leftover product down the drain. Leftover product can easily be composted or disposed of in the household waste when dry. Empty packaging can be recycled.

■ Hazard Classification

None, non-hazardous product.

■ EU VOC Value acc. to 2004/42/EC

VOC limit / Max. VOC content (cat. A/a): 30 g/l (2010),

Product contains max. 1 g/l VOC.

■ Warning

The product has a typical odour during processing, which disappears over time in a dry environment. Observe possible allergies to natural substances. 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.