

AURO Chalk paint No. 326

Type of material

Indoor wall paint, free of titanium-dioxide, free of emissions; made of dispersing lime without synthetic dispersion.

Intended purpose

For white coatings on mineral substrates, e.g. plastering, concrete, lime-sand bricks, mineral paints, clay, woodchip, gypsum cardboard.

Technical properties

- Consistent ecologic choice of materials.
- Highly open diffusion (sd value < 0,05m).
- Pleasant room climate, purely mineral, anti-mold.
- Free of titanium dioxide, translucent while wet, covering when dry.
- Can be re-coated several times, matt appearance with typical lime character.

Composition

Water, calcium hydroxide, mineral fillers, cellulose, borate. Full declaration and Raw Material Guide at www.auro.de.

Colour shade

White. Can be tinted with AURO Lime tinting base No. 350* for indoors.

Application method

Apply swiftly and evenly by brush or roller. Airless e.g. with Storch Airless equipment SL1000 or 1500, or the like.

Drying time in standard climate (20 °C / 50% relative air humidity)

- Can be painted over after approx. 24 hours, depending on air temperature, air and base humidity.
- Low temperature delays, high humidity promotes the carbonation (hardening of through carbon dioxide). Final effect will be reached no sooner than after several weeks.

Thinner Ready to use; can be thinned with water up to max. 20%.

Consumption rate Approx. 0.10 l/m² per coat (1l covers approx. 10m²) on even, poorly absorbing substrate. Depends on the way of application, surface structure, absorbency of the substrate. Determine exact consumption on sample.

Cleaning of tools Clean tools in water. Avoid stains and over-paintings, remove immediately.

Storage Store cool, dry, frost-free, out of reach of children, in a sealed original container. Before closing remove paint residues from the lid and the edges of container. **Storage stability** 24 months.

Packaging material Polypropylene, metal handle.

Disposal Dried product residues or rests hardened with cement can be disposed of as construction or household waste. Liquid residues: EWC code 0801230, designation: Watery suspension; dispose of according to the related regulations.

Safety advice Contains calcium hydroxide. Code letter/risk designation: Xi/Irritant. **Hazard class** Does not apply.

Attention

Strongly alkaline, ph-value >12. R8/H315 May cause skin irritation. H319 May cause heavy eye irritation. S1/2 Store sealed out of reach of children. S26 If contact with eyes, immediately rinse with water thoroughly and consult a physician. If contact with skin, rinse with lots of water. S36/37/39 Wear suitable protection gloves and goggles/face protection during application. Clothes soiled with product must be changed. Wash protection gloves inside, if necessary. S45 In case of an accident or indisposition seek medical advice immediately and present the packaging, label or data sheet. While spraying do not breathe in aerosol. See Safety Data Sheet, Technical Data Sheets*.

EU VOC limit value acc. to 2004/42/EC IIA (aWb): 30 g/l (2010). Product-VOC: 0 g/l.

Technical recommendations for application

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1. SUBSTRATES

1.1 Suitable substrates

Mineral substrates (e.g. plastering, concrete, lime-sand bricks), clay, gypsum cardboard, woodchip, mineral paints.

1.2 Not suitable substrates

Wood, synthetics or synthetic-like surfaces, synthetic-based coatings or wall paneling, glossy or lacquer-like coatings and poorly adhesive, not supportive old coatings.

1.3 General substrate requirements

The substrate must be firm, supportive, adhesive, poorly absorbent, wettable with water, clean, free of dust, oil, grease and efflorescence, not sanding, and contain no bleeding substances.

2. COATING SYSTEM

2.1 Substrate preparation

- Loose elements, dust, soiling, substrates containing oil and synthetics have to be removed completely.
- Remove sintered skin by grinding, wash out separating agents, e.g. using AURO Paint and stain cleaner No. 435*.
- Sanding or smeary surfaces have to be brushed out dry or washed.
- Fill holes, cracks etc. with an appropriate filler.
- Clean plastering and wet slightly 1-2 days prior to product application, if required.
- Dry-brush or wash wet old mineral coatings.
- Sweep, vacuum and clean thoroughly old, tightly fixed coatings. Remove soiling, roughen slightly.
- Remove badly adhesive, peeling coatings completely.
- Carefully reseal wallpaper seams; remove lime residues. Leave for complete drying.
- Protect adjacent areas, especially glass, ceramics, wood, metal, from staining.

2.2 Basic treatment

Substrates like lime-sand bricks, gypsum cardboards, surfaces pre-treated with AURO Natural wall filler No- 329*, high-contrast substrates: prime with AURO Chalk paint No. 326 thinned up to 20% with water; or prime with AURO Plaster primer No. 301*. See our publication *High-grade lime products: Tips for substrate preparation* available for download online.

2.3 After-treatment

After appropriate substrate preparation apply approx. 1-3 coatings with the product thinned with water up to 10%.

REMARKS

- Application temperature at least 8 °C, max. 30 °C, max. 85% rel. humidity; optimal 18-25 °C, 50-75% rel. humidity.
- Stir well before use and during application.
- Do not mix with other products than the recommended.
- Leave fresh plasters to set for 4 weeks. For fresco and fresh painting, application on fresh plasters is possible.
- Chalk paints should preferably be applied by a wide brush in crossing movements. When rolling, apply the last layer in one direction only.
- Processing or applying corrections on partly dried surfaces leads to brindle surface appearance.
- Avoid direct exposure to sunlight, moisture influences and dirt during the application and drying.
- In order to assure a sufficient carbonation, avoid rapid drying, e.g. through draft or drying machines.
- Misty surfaces, stains, efflorescence and chalking are properties typical for this kind of product.
- Differences between batches regarding properties and smell are result of natural components. Mix different batches together before application.
- Discolorations and adherence problems might occur due to various substrate-related factors.
- Observe the general recommendations, guidelines etc. of the German Association of Plastering, e.g. their leaflet No.2 and 6.
- All coating work must be adapted to the given object and its use or/and tested on samples.

* See respective Technical Data Sheets.

The Technical Data Sheet gives recommendations and examples of possible use. No liability or other legal responsibility can be derived. Use of the advice does not create any legal relationship. The Information provided is based on our present knowledge and does not exempt the user from his personal responsibility. The respective state-of-the-art practices must be observed when implementing coating work and the required preparations. The conditions on site and the product's suitability must be checked appropriately and professionally. With publication of a new edition this technical data sheet is no longer valid. Status: 15.01.2013 technical data | 15.08.2013 full declaration