

AURO High-grade lime paint No. 344

Type of coating material

Lime-based wall paint containing titanium dioxide without plastic dispersion.

Application

- For opaque white coatings on ceilings and walls inside and outside.
- Provides matt coatings that can be recoated several times.

Technical properties

- Consistently ecological choice of raw materials.
- Highly moisture-vapour permeable (sd value: < 0.05 m).
- Spreading rate: 10 m²/l - Degree of whiteness (luminosity): 97.
- Opacity (contrast ratio): class 3 at a consumption rate of 100 ml/m² or 10 m²/l.
- Sheen level: Matt

Composition

Water, hydrate of white lime, titanium dioxide, mineral fillers, colophony glycerol ester as potassium soap, cellulose ether. Natural paints are neither odourless nor emission-free. Consider possible allergies. Our current full declaration on our home-page is authoritative.

Colour shade

White. Tintable only for inside: with Lime tinting base no. 350. Pretests are recommended before large-scale application.

Application method

Minimum application temperature: +8 °C. Apply a thin coat swiftly and evenly by brush or roller. If necessary, dilute with water depending on the surface absorptivity.

Drying time in standard climate (+23 °C / 50% rel. air humidity)

- Recoatable after approx. 24 hours depending on temperature, air and surface humidity.
- Low air and wall temperatures and high air humidity slow down the drying process and may lead to stain formation.
- Final strength is obtained after several weeks.

Density	Approx. 1,38 g/cm ³	Hazard class: Not applicable
Viscosity	Slightly paste-like, thixotropic	
Thinner	Ready for use, dilutable with water.	
Consumption	Approx. 0.10 l/m ² per application on smooth surfaces. May vary depending on the application method, texture and surface absorptivity. Carry out a test application to assess the exact consumption rate.	
Cleaning of tools	Clean tools with water immediately after use. Avoid paint splashes and overlaps, remove material immediately.	
Storage	Store cool, dry, above freezing point in firmly closed original containers and keep out of reach of children.	
Storage stability	24 months in unopened original container at +18°C.	
Packaging material	Polypropylene.	
Waste disposal	Completely empty containers can be disposed of at waste collection points and be recycled. Solid, dried and cured residues can be disposed of as construction waste or as domestic waste. Liquid residues: EWC (European Waste Catalogue) code 080112, if necessary, coordinate with those responsible for waste disposal.	
Hazard statements	Contains: White lime hydrate (calcium hydroxide)	
Safety statements	Code letter/Hazard identification: Xi/Irritating - Irritating to eyes and skin. Risk of serious damage to eyes. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water and soap. Wear suitable protective gloves and eye/face protection. If swallowed, seek medical advice immediately and show this container or label. Spraying: Do not breathe vapour/aerosol.	

Application-technical recommendations

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1. SURFACE

1.1 Suitable surfaces

Mineral, weather-resistant, untreated surfaces (e.g. plaster, concrete, lime sand bricks) outdoors. Indoors, also loam, gypsum plaster, woodchip wallpaper, mineral paints. Carry out a test application to check old, matt coatings inside for suitability for recoating, and slightly roughen, if necessary.

1.2 Surface preparation

Wood, plastics and surfaces similar to plastic. Remove plastic-based old coatings, glossy and gloss-like coatings as well as non-adhering, unstable old coatings.

1.3 General surface requirements

Surfaces must be solid, stable, adhesive, dry, slightly absorptive, water-wettable, clean, free of dust, oil, grease, efflorescence and ingredients bleeding through, and must not be chalky or crumbling.

2. COATING SYSTEM (INITIAL COATING)

2.1. Surface preparation

- Remove brittle particles, dust, soiling, oil-based substances, moss, algae, plastic-based old coatings, sand down sinter layers on new plaster or concrete surfaces, wash down parting agents, e.g. with AURO Paint and stain cleaner no. 435*.
- Brush down chalky surfaces dry or wash.
- Fill holes, cracks, etc. with material corresponding to the building material.
- Protect and thoroughly cover surfaces not to be treated (especially glass, ceramics, wood, metal) and adjacent areas.
- Clean and slightly wet loam plaster.
- Clean old mineral coatings dry or wet.
- Glue open wallpaper seams thoroughly, remove adhesive residues, allow to dry before reworking.

2.2 Primer treatment

- Pretreat highly absorptive surfaces inside (e.g. lime sand bricks), gypsum plasterboard and surfaces treated with AURO Natural wall filler no. 329* with diluted AURO High-grade lime paint no. 344 (max. 20 % of water).
- Outdoors, pretreat with AURO High-grade silicate primer no. 306*.

2.3 Secondary treatment

After preparing the surface appropriately, apply 1-3 coats of AURO High-grade lime paint no. 344, if necessary, diluted with max. 20 % of water, depending on opacity. Outdoors, apply at least 2 coats. Observe drying time of at least 24 h between individual coats.

3. COATING SYSTEM FOR RENOVATION COATINGS

3.1 Type of surface: Intact surface (maintenance).

3.1.1 Surface preparation

Brush down, vacuum clean, thoroughly clean firmly adhering old coatings. Wash down soiling.

3.1.2 Primer treatment: Not required for intact old coatings.

3.1.3 Primer treatment: Not required for intact old coatings. Intermediate treatment as described under 2.3 is recommended for surfaces rich in contrast.

3.1.4 Final treatment: As described under 2.4.

3.2 Type of surface: Highly worn or defective surfaces (maintenance).

3.2.1 Surface preparation: Remove badly adhering, flaking old coatings entirely, if necessary, prepare as described under 2.1.

3.2.2 Primer treatment: If necessary, prime as described under 2.2.

3.2.3 Intermediate treatment: As described under 2.3.

3.2.4 Final treatment: As described under 2.4.

Notes

- Application temperature: +8 °C min., +30 °C max., ideally +18-+25 °C; max. rel. air humidity: 85 %, ideally: 40-65 %.
- Stir well before and during use.
- Do not mix with products other than those specified.
- Avoid direct sunlight and exposure to humidity during the application.
- Avoid exposure to humidity and soiling during the drying process.
- Leave new plaster, especially lime-based plaster, uncoated to dry for at least 4 weeks.
- Avoid too quick drying up, if possible.
- Slightly transparent while wet, full opacity is obtained after drying.
- Protect not fully dry coatings outside from rain for at least 3 days.
- Chalking and regular weathering are product-specific and must be taken into account when used outdoors.
- Surfaces may be slightly cloudy which is a product-specific characteristic.
- All coating work must be adjusted to the respective object and its use.

* See respective Technical Data Sheets.

The information contained in this technical data sheet provides recommendations and possible examples. It is non-binding and does not constitute a basis for liability. Use of advice does not constitute a legal relationship. The information provided reflects the current state of our knowledge and experience and does not free the user from the obligation to make his or her own tests to check the suitability of the product for the intended purpose. State-of-the-art technology must be taken into account for all paint jobs and preparations thereto. Conditions applying to the object and product suitability must be checked and tested properly. This Technical Data Sheet is no longer valid when a new edition appears. Status: 15.09.2009.

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