

AURO Airfresh wall paint No. 328

Type of coating material

Interior wall paint based on lime with photocatalytic effect.

Application

- For opaque white coatings on walls and ceilings inside.
- Provides mat coatings which can be repainted several times.

Technical properties

- The photocatalytic effect has been tested and certified by the Institute for Technical Chemistry, Hanover/Germany.
- Opacity class 3 at a consumption rate of 100 ml/m² or 10 m²/l.
- Reduces organic compounds.
- Highly moisture vapour permeable (sd value 10.05 m).
- Slight bactericidal effect.

Composition

Water; white lime hydrate; mineral fillers; catalytically effective pigments; colophony glycerol ester as potassium soap; cellulose ether. Natural paints are not entirely odour and emission free. Consider possible allergies. The current full declaration on our homepage is decisive.

Colour shades

White

Tinting

Only mineral pigments are suitable for tinting, e.g. 5% max. of mixed AURO Lime-casein coloured paint No. 770*. Tinting reduces the photocatalytic effect.

Application methods

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

Drying times in standard climate (+20 °C / 60% rel. air humidity)

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

Density	Approx. 1,36 g/ml	Hazard Class: not applicable
Thinner	Ready to use, can be diluted with water.	
Consumption	Approx. 0.10 – 0.12 l/m ² per coat on smooth surfaces. Varies depending on the application method, surface quality and surface. Carry out a test application to assess the exact consumption rate.	
Cleaning of tools	Clean tools with water immediately after use.	
Storage stability	Store cool, frost free and dry. Reseal open containers airtight. Storable for approx. 2 years in unopened original container.	
Packaging material	Polypropylene. Empty containers containing cured residues can be disposed of at waste collection points, recycled or deposited.	
Waste disposal	Solid, dried and cured residues can be disposed of as construction waste (EWC 170903) or as domestic waste. Liquid residues: EWC code 200127, EWC designation: Paints.	
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 the container or label. Spraying: Do not breathe vapour/aerosol.	

Technical application recommendations

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1. SURFACE

1.1 Suitable surfaces: Mineral surfaces (e.g. plaster, concrete, loam, lime sand bricks, gypsum plasterboard), woodchip wallpaper inside. Do not use on varnishes, wood and plastic or surfaces similar to plastic. Carry out a test application to check old, mat coatings for suitability for recoating, and slightly roughen, if necessary. Remove glossy coatings and gloss paints entirely.

1.2 General surface requirements

Surfaces must be slightly absorptive, stable, in good condition, clean, free of oil, grease, efflorescence and ingredients bleeding through, and must not be chalky or crumbling.

2. INSTRUCTIONS FOR USE

2.1 Surface preparation

- Carefully cover and protect adjacent areas appropriately (especially glass, ceramics, wood, metal).
- Remove paint splashes immediately with clear water.
- Allow new plaster to set for 2-4 weeks prior to coating.
- Sand down sintered skin, wash off parting agents, e.g. with AURO Paint and stain cleaner No. 435*.
- Brush down chalky surfaces dry or wash.
- Clean and slightly wet loam rendering.
- Prime gypsum plasterboard and surfaces treated with AURO Natural wall filler No. 329* with AURO Silicate binder No. 304* (1 part of No. 304, 2 parts of water).
- Glue loose wallpaper seams thoroughly, remove adhesive residue, allow to dry before reworking.
- Pretreat highly absorptive surfaces (e.g. lime sand bricks) with paint diluted with up to 20 % max. of water.
- Carry out a test application, especially in case of old coatings.
- Clean old mineral coatings dry or wet.
- Remove non adhering coatings and coatings in poor condition entirely.

2.2 Application

- Dilute with up to 20 % max. of water depending on the surface absorptivity, if necessary.
- Apply evenly by brush or roller following appropriate surface pretreatment.

General notes:

- Stir well before use.
- Do not mix with other products to ensure product properties.
- Avoid direct sunlight during application.
- Avoid exposure to humidity and dirt during the drying process.
- Application temperature: +8 °C min., +30 °C max., ideally +18-25 °C; max. rel. air humidity: 85 %, ideally: 40-65 %.
- Apply paint (wet-in-wet) in one go in order to avoid overlaps.
- Transparent while wet, opaque after drying.
- The finish may be slightly cloudy depending on the painted object, e.g. in case of surfaces exposed to strong sunlight.
- It is recommended to ventilate in spurts at regular intervals to prompt the photocatalytic effect.
- Observe state-of-the-art practices when planning and implementing the coating.
- All coating work must be adjusted to the respective object and its use.

* See the corresponding 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 responsibilities and obligations as applicable. 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: 01.07.2006, 1st edition

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