

AURO Lime tinting base No. 350

Type of material

Zero-emissions, coloured interior wall paint, based on lime without plastic dispersion.

Intended purpose

- For coloured coatings on ceilings and walls inside on mineral substrates. (e.g. plaster, concrete, lime sand bricks), clay, gypsum cardboard, woodchip, mineral paints.
- Mixable at every ratio with AURO Chalk paint No. 326* and AURO High-grade lime paint No. 344*.
- When used for tinting of AURO High-grade lime filler No. 342*, High-grade lime plaster No. 345*, High-grade trowel lime plaster No. 347*, will change in texture and stiffness.
- When used for tinting of AURO Anti-mould paint No. 327* and AURO Airfresh wall paint No. 328*, their special product properties will be limited.

Technical properties

- Consistent ecological selection of raw materials.
- Highly moisture vapour permeable (sd value <0.05 m).
- High coverage. Pleasant room climate, purely mineral, anti-mould.
- Provides matt coatings with lime characteristics, over-coatable several times.

Composition

Water, calcium hydroxide, mineral fillers, mineral pigments, cellulose, surfactants made of rapeseed oil and castor oil.

See the current full declaration on www.auro.de.

Colour shade AURO Lime tinting base is available in various colour shades. See color charts on www.auro.de

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% rel. air humidity)

- Overcoatable after approx. 24 hours, highly depending on temperature, air and surface humidity.
- The drying times are longer at low temperatures.
- Final strength is obtained after several weeks. High air humidity favors the carbonation (hardening).

Thinner Ready for use, dilutable with water up to 20%.

Consumption rate Approx. 0.1 l/m² per coat (1l for 10 m²) on smooth, poorly absorbent substrate. May vary depending on the application method, texture and surface absorptivity. Determine exact consumption on sample.

Cleaning of tools Clean tools with water. Avoid splashes and overlaps, if necessary, remove immediately.

Storage Store cool, dry, frost-free, in original containers out of reach of children. Storage stability 24 months.

Packaging material Polypropylene, metal handle.

Disposal Completely empty containers can be recycled. Dried and cured product residues can be disposed of as construction waste or as domestic waste. Liquid residues: EWC code 080120, Designation: watery suspension; if necessary, coordinate with those responsible for waste disposal.

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

Attention

Strongly alkaline, pH value > 12. R38/H315 Irritating to skin. H319 Risk of serious damage to eyes. S1/2 Keep locked, out of reach of children. S26 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. S36/37/39 Wear suitable protective gloves and eye/face protection. Change clothes if soiled with product. Wash gloves inside, if needed. S45 In case of an accident or indisposition, seek medical advice immediately and present the packaging, label or data sheet. Do not breathe in the vapour when spraying. See Safety Data Sheet and Technical Data Sheets* (www.auro.de, Service, Downloads).

EU-VOC limit value according to 2004/42/EG II A (aWb): 30 g/l (2010); **product VOC: 0 g/l.**

Technical recommendations for application

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1. APPLICATION AS TINTING PAINT

1.1 Mixing of base products Carry out preliminary tests with small quantities to determine the suitable mixing ratios. Carry out a test application and allow to fully dry to assess the application properties and the exact colour shade.

1.2 Instructions for use See Technical Data Sheets of the respective base products.

2. APPLICATION AS FULL SHADE PAINT

2.1. SUBSTRATES

2.1.1 Suitable substrates

Mineral substrates (e.g. plaster, concrete, lime sand bricks), loam, gypsum plasterboard, woodchip, mineral paints indoors. If necessary, slightly roughen old, matt coatings and carry out a test application to check their suitability for overcoating, their compatibility and adhesion.

2.1.2 Unsuitable substrates

Wood, plastics or surfaces similar to plastic. Plastic-based old coatings, glossy surfaces or those similar to varnish and badly adhering, natural resin dispersion paints.

2.1.3 General substrate requirements

Surfaces must be solid, stable, in good condition, adhesive, dry, slightly absorptive, water- wettable, clean, free of dust, grease, efflorescence and bleeding ingredients, and must not be chalky or crumbling. Unstable old coatings in poor condition must be removed.

2.2. COATING SYSTEM

2.2.1. Substrate preparation

- Loose elements, dust, soiling, substrates containing oils or synthetics must be removed completely.
- Remove sinter skin through grinding, remove separating agents by washing, use e.g. AURO Paint and stain cleaner No. 435*.
- Brush dry or wash all chalking or smeary substrates.
- Fill holes, cracks etc. with a suitable material.
- Clean plasters and wet slightly, 1-2 days prior application, if needed.
- Brush dry or wash 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.

2.2.2 Basic treatment

Substrates like lime-sand bricks, gypsum plasterboard and surfaces treated with AURO Natural wall filler No. 329*, high-contrast surfaces: prime with Lime tinting base diluted with water up to max. 20 %.

2.2.3 After treatment

Following respective surface preparation, apply 1-2 coats of Lime tinting base, if necessary, diluted with max. 10% of water. Allow to dry for at least 24 hours between coats.

REMARKS

- Application temperature 8 °C min., 30 °C max., max. relative air humidity 85%, ideally 18-25 °C at 50-75 % relative air humidity.
- Stir well before and during use.
- Do not mix with products other than those recommended.
- Leave new plaster, especially lime-based plaster, uncoated to dry for at least 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: August 2019