

AURO High-grade trowel lime plaster No. 347

Type of material

Decorative final coat based on lime without plastic dispersion suitable for texturing.

Intended purpose

- For white, textured, decorative coatings on wall and ceiling surfaces inside.
- For solid, absorptive, mineral and organic surfaces (e.g. gypsum, lime and cement plaster, building boards).

Technical properties

- Consistent ecological selection of raw materials.
- Highly moisture-vapour permeable.
- Ready for use.

Composition

Mineral fillers, water, calcium hydroxide, titanium dioxide, cellulose. See the current full declaration on www.auro.de.

Colour shade White. Tinting with AURO Lime tinting base No. 350* possible. The tinting has a diluting effect, consider the change of texture. Trial applications are recommended in advance.

Application method

Application temperature: at least 8 °C. Apply by stainless trowel or spatula, texture by means of a trowel, spatula or similar, if desired.

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

- Endurance per 1mm layer thickness: approx. 24 hours, highly dependent on temperature, air and surface humidity.
- The drying times are longer at low temperature, high air humidity and high layer thickness.
- Final strength is obtained after several weeks. High air humidity favors the carbonation (hardening).

Thinner Ready for use, dilutable with water.

Consumption rate For a layer thickness of 2mm: approx. 2kg/m². Can vary strongly depending on processing, texture and absorbency of the substrate. Determine exact consumption on sample.

Cleaning of tools Clean tools with water immediately after use.

Storage stability Min. 18 °C in original, closed containers: 24 months.

Storage Store cool, dry, frost-free, in firmly closed original containers out of reach of children. Before closing an opened container, remove product residues from the lid and edge of container and spray the lid and edge with AURO Mold stop No. 413.

Packaging material Polypropylene, metal handle.

Disposal Completely empty containers can be recycled. Solid, dried and cured residues can be disposed of as construction or household waste. Liquid residues: EWC code 080112, designation: watery suspension. If necessary, coordinate with those responsible for waste disposal.

Hazard class Does not apply.

Safety advice Contains calcium hydroxide. Code letter/risk designation: Xi/Irritant.

Attention

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, label or Technical Data Sheet. See Safety Data Sheet and Technical Data Sheets*.

Technical recommendations for application

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1. SUBSTRATE

1.1 Suitable substrates

Mineral surfaces (e.g. plaster, concrete, lime sand bricks), gypsum plasterboard, gypsum fibreboard, indoors.

1.2 Unsuitable substrates

Wood, plastics or surfaces similar to plastic, metals, crumbling or inadequately solid surfaces, e.g. loam.

1.3 General substrate requirements

Surfaces must be stable, solid, 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

2.1 Substrate preparation

- Loose elements, dust, soiling, substrates containing oils or plastic must be removed completely.
- Remove sinter skin through grinding, remove separating agents by washing, use e.g. AURO Paint and stain cleaner No. 435*.
- Fill holes, cracks etc. with a suitable material.
- Clean plasters and wet slightly, 1-2 days prior application, if needed.
- Check old coatings for carrying capacity and compatibility and remove them if needed.
- Protect adjacent areas, especially glass, ceramics, wood, metal, from staining.

2.2 Basic treatment

- Strongly absorptive substrates, e.g. lime sand bricks, gypsum cardboard, surfaces treated with AURO Natural wall filler No. 329* and high-contrast substrates: pre-treat with AURO Lime paint No. 344* thinned with water up to 20%.
- Intact, solid, supportive and slightly absorptive substrates may not require priming.
- Fill large holes and irregularities and leave until fully dry.

2.3 Final treatment

Apply High-grade trowel lime plaster evenly; if desired create texture by trowel, brush or similar.

2.4 After-treatment

If required, use AURO High grade lime paint No. 344* or AURO Lime tinting base No. 350* after fully dry.

REMARKS

- Application temperature: 8 °C min., 30 °C max., 85 % max. rel. air humidity, ideally 18 - 25 °C, 50 - 75 % rel. air humidity.
- Do not mix with other products then those recommended.
- Leave new plaster, especially lime-based plaster, uncoated to dry for at least 4 weeks.
- Avoid direct sunlight, exposure to humidity and soiling during the application and drying.
- In order to assure a sufficient carbonation, avoid rapid drying, if possible. By needs, slightly spray the surface with water in the first days.
- Surfaces may be slightly cloudy which is a product-specific characteristic.
- 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: 14.09.2009 technical data |15.08.2013 full declaration