

AURO High-grade lime filler No. 342

Type of material

Powdery filling compound for mixing on site based on lime without plastic dispersion.

Intended purpose

- For levelling surfaces.
- For repairing small defects.
- Underneath lime paints and lime plaster inside.

Technical properties

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

Composition Mineral fillers, calcium hydroxide, cellulose. See the current full declaration and raw materials guide on www.auro.de.

Colour shade

White. Can be tinted with AURO Lime tinting base No. 350*. Tinting base has thinning effect, consider change of consistency. Advance test coatings are recommended.

Application method

Application temperature at least 8 °C. Apply by spatula or smoothing trowel. Max. application thickness: 3 mm.

Mixing

Mixing ratio: 2 parts (weight) of AURO High-grade lime filler No. 342 and approx. 1.1 parts of water.

Workable life

Use the mixture within 8 hours. Do not mix more High-grade lime filler than can be applied during this time.

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

- Drying time per 1 mm film thickness: at least 24 hours, strongly depending on temperature, air and substrate humidity.
- The drying times are longer at low temperature, high air humidity and high film thickness.
- Final maturity is obtained after several weeks. High air humidity promotes the carbonation (hardening).

Thinner Water.

Consumption rate Approx. 0.75 kg/m² per 1 mm film thickness depending on application thickness.

Cleaning of tools Wash in water immediately after use.

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

Storage Cool, dry, frost-free, out of reach of children, in original sealed container.

Packaging material Soda kraft paper with PE insert.

Disposal

Solid, dried and cured product residues can be disposed of as construction or household waste. Liquid residues: EWC code 080120, Watery suspensions; if necessary, coordinate with those responsible for waste disposal.

Hazard good class Does not apply.

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

Attention

Irritating to respiratory system, eyes and skin. Risk of serious damage to eyes. Keep out of reach of children. Do not breathe dust. After contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Wear suitable protective gloves and eye/face protection. If swallowed, seek medical advice immediately and show this container or label. See Safety Data Sheet and Technical Data Sheets*.

Technical recommendations for application

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1. SUBSTRATE

1.1 Suitable substrates

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

1.2 Unsuitable substrates

Wood, synthetics or surfaces similar to synthetic. Chalky or non supporting substrates, e.g. clay.

1.3 General substrate requirements

Substrate must be stable, supportive, 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, oily substances and old coatings containing synthetics must be removed completely. Sintered skin on new plastering or concrete must be removed by grinding. Separating agents must be washed down, e.g. using AURO Paint and stain cleaner No. 435*.
- Fill deep holes, cracks etc. with a suitable material.
- Clean plastering and, if needed, wet slightly 1-2 days prior to application.
- Check old coatings for solidity and compatibility, and remove, if necessary.
- Carefully cover and protect adjacent surfaces (especially glass, ceramics, wood, metal)

2.2 Basic treatment

- Prime highly absorptive surfaces (e.g. lime sand bricks) with diluted AURO Plaster primer No. 301*.
- Intact, solid, only slightly absorptive surfaces do not require priming.
- Fill large irregularities and holes, allow to fully dry.

2.3 Mixing

- Stir 2 weight units of High-grade lime filler into approx. 1.1 units water and mix until lump-free. Allow to swell for 2 - 5 minutes, and mix thoroughly again.
- If the mixture is too stiff, dilute with water.
- Do not mix more High-grade lime filler than can be applied within 8 hours.

2.4 Application

- Apply High-grade lime filler by spatula or smoothing trowel depending on requirements, and smooth.
- Observe the max. application thickness of 3 mm.

2.5 After-treatment

Use AURO High-grade lime paint No. 344* or AURO High-grade fine lime paint No. 345*.

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 than those recommended.
- Leave fresh plastering, especially lime-based plastering, to rest uncoated for at least 4 weeks.
- Avoid direct exposure to sunlight, moisture influences and dirt while during application and drying.
- To ensure a proper carbonation, avoid too rapid drying; if needed, moist gently with a water spray in the first days after application.
- Slightly misty finishes, stains and efflorescence are possible and typical for this kind of product.
- 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 adjusted to the respective object and its use.

* 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 | 28.03.2017 Basic treatment (2.2)