



AURO Keratherm fine No. 348-16

Technical data sheet

Type of material:

Natural white, temperature regulating, pure mineral fine plaster for decorative design based on finest white lime. For surfaces with a fine and refined texture.

Intended purpose:

- For white and coloured, textured, decorative coatings on interior wall and ceiling surfaces.

Technical properties:

Grain size 0.5mm, for layer thicknesses of 0.9-2mm per layer, consistently ecological raw material selection, temperature regulating, highly diffusible, regulates indoor humidity.

Composition:

Marble granules, marble powder, white hydrated lime, cellulose, perlite. See the current full declaration on www.auro.de/en.

Colour shade:

Natural white. For bright colour shades. Tintable with AURO Lime tinting base No. 350*. Stir AURO Lime tinting base No. 350 in mixing water before. This has a diluting effect, note the change in consistency and, if necessary, subtract the amount of AURO Lime tinting No. 350 from the mixing water. Trial applications are recommended in advance, colour variation of the dried surface is possible in case of colouring.

Application method:

Application temperature at least 8 °C. Apply with a trowel or spatula, if necessary, texture with a trowel, spatula, brush or sponge board.

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

- Endurance per 1 mm 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 favours the carbonation (hardening).

Stirring with water:

Add 0.4 litres of water per 1 kg of plaster and mix thoroughly until a homogeneous mass is obtained. Allow to swell for min. 5 minutes. Then stir again shortly. If necessary, the amount of water can be increased to adjust the workability.

Consumption rate:

For a layer thickness of 1 mm: approx. 0,9 kg/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 in a dry environment: 24 months.

Storage: Store cool, dry, frost-free, in firmly closed original containers out of reach of children.

Packaging material: Soda kraft paper with PE insert.

Disposal: Completely empty, clean containers can be recycled. Solid, dried and cured product residues can be disposed of as construction or household waste. Waste codes: EWC code 080120.

Hazard code class: No dangerous goods

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

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

AURO Keratherm fine No. 348-16

1. SUBSTRATE

1.1 Suitable substrates

All stable, absorbent, mineral or alkali-resistant substrates, e.g., gypsum, lime, clay, cement plaster, concrete, sand-lime brick, plasterboard, gypsum and cement fibre boards and firmly adhering dispersion paints in indoor areas.

1.2 Unsuitable substrates

Wood, plastics or surfaces similar to plastics, metals, natural resin dispersions, sanding substrates or low stable substrates, e.g., permanently damp old plasters.

1.3 General substrates 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.
- Dry clean old plaster
- 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 absorbent substrates such as gypsum, lime and clay plasters, filled gypsum plasterboards and surfaces treated with AURO Wall filler No. 329* should be pre-treated with AURO Plaster primer No. 301*.
- Priming is not necessary on intact, stable, only slightly absorbent substrates.
- Pre-treat mixed substrates with AURO Grip coat, fine No. 505* or granulated No. 506*.
- Fill large holes and irregularities and leave until fully dry.

2.3 Final treatment

Apply AURO Keratherm fine No. 348-16 evenly and then, if desired, texture with a trowel, brush or sponge board.

2.4 Final treatment

AURO Keratherm fine No. 348-16 can be used as a decorative finishing plaster finish. Decorative finishing coats are possible, after complete drying, with AURO High-grade lime paint No. 344*, AURO Lime tinting base No. 350*, AURO Ecolith interior No. 341* + 584* or AURO Chalk paint No. 326*. After a curing time of approx. 4 weeks, coloured paint coats of AURO COLOURS FOR LIFE Premium wall and ceiling paint No. 555* or High-grade clay paint No. 535* are also possible after priming with AURO Plaster primer No. 301*. It is also possible to apply two layers of AURO Keratherm fine No. 348-16 or a smooth top coat with AURO High-grade lime filler No. 342*

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 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.
- Slightly coloured or cloudy varying surfaces, differences in gloss and efflorescence are possible and depend on the substrate and application.
- 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: 10.2021