



AURO Decorative clay plaster No. 311

Technical Data Sheet

Type of material/Intended purpose

Textured, white dispersion-based decorative plaster coating, fine fibre texture.

- For white, silky matt, decorative coatings on walls and ceilings indoors.
- Suitable for absorptive, mineral, organic, neutral substrates (e.g. gypsum, cement, loam plaster, building boards) and stable, adhesive, intact old coatings.
- Not suitable for permanently damp substrates and damp rooms.

Technical properties

- Easy to use
- Good coverage
- Slightly filling character
- Open-pored (Sd value: approx. 0.1 m)

Composition

Water, cellulose, titanium dioxide, mineral fillers, Replebin, clay, surfactants made of rapeseed-, castor oil, ammonia, benzisothiazolinone, sodium pyrithione. May cause allergic reactions. Current full declaration on www.auro.com.

Colour shade

White, tintable for pastel shades with maximal 5% of AURO Full-shade tinting colour No. 330*. Preliminary tests are necessary as the product's character changes when adding tinting paints.

Application method: Apply by brush, spatula, trowel, or with plaster spreading equipment.

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

- Superficially dry, re-coatable: after 24 hours at the earliest.
- For glazing technique: observe drying time of at least 5 days.
- Significant drying delays are caused by high humidity, low temperatures and excessive application volumes.

Density: Approx. 1.13 g/cm³.

Viscosity: Highly thixotropic, filler-like.

Thinner Ready for use, can be applied undiluted. Can be diluted with water but this changes the typical product properties. It is absolutely necessary to carry out preliminary tests.

Consumption rate

1 l is sufficient for approx. 1 m². The consumption rate varies depending on the product, application method and nature of the substrate. Determine exact consumption on sample.

Cleaning of tools

Clean tools immediately after use, remove product residues while wet, and clean tools with water. Remove stains with water immediately. Remove stubborn product residues with AURO Plant soap No. 411* and water.

Storage stability

Store cool, dry, frost-free in closed original containers standing upright, keep out of reach of children. Storage stability at 18°C in closed original containers: 24 months. The product is free of chemical preservatives. For short-term storage, cover open containers with a layer of AURO Orange oil No. 191*, seal airtight and use up as soon as possible.

Packaging material: Polyethylene.

Disposal: Liquid residues: EWC code 080120, designation: Paints. Only recycle completely empty containers with dried product residues.

Attention

Please observe the information on the safe handling of the product, on labelling and regulations for hazardous goods that can be found in the current Safety Data Sheet and on the product label.

Hazard class: Does not apply.

EU VOC value according to 2004/42/EC II A (aWb): 30 g/l (2010). Product VOC: < 1 g/l.

Technical recommendations for application

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1. SUBSTRATES

1.1 Suitable substrates

- Plaster surfaces, brickwork, concrete, loam plaster, wood fiber board, woodchip.
- Textile and textured wallpaper or similar are not suitable. Test applications must be carried out on glass fiber fabric and building boards in order to check compatibility.

1.2 General substrate requirements

Substrates must be stable, dry, even, clean, free of grease, absorptive, adhesive, solid, neutral and free of bleeding ingredients.

2. COATING SYSTEM (FOR INITIAL COATING)

2.1 Substrate preparation

Remove brittle paintwork by brush, remove dust. Remove sintered skin, forming oil residues. Fill and level holes, cracks, cavities, etc. for example with AURO Natural wall filler No. 329* or with material corresponding to the construction material, allow to dry. Check substrates for neutrality, stability and absorbency. Carry out a wetting test with clear water. Carry out a moisture test and an adhesion test. If required, clean and sand gypsum plasterboard, remove dust. Priming of gypsum plasterboard is required by the manufacturer, please observe manufacturer's instructions. Glue loose wallpaper seams with AURO Wallpaper paste No. 389* and let dry through.

2.2 Basic treatment

- Prime highly or irregularly absorptive substrates to be treated for the first time or rich in contrast with AURO Grip coat No. 506*.
- It is absolutely necessary to carry out preliminary tests due to bleeding ingredients, e.g. on wood fibreboard.
- For coloured designs, also tint the primer with AURO Full-shade tinting colour No. 330*.
- Solid, only slightly absorptive substrates and low-contrast substrates do not require priming.

2.3 Final treatment

- Apply the Decorative clay plaster evenly and then texture by trowel, brush or similar, if desired.
- Usually one single treatment with clay plaster is sufficient for decorative designs if the substrates are prepared properly.

2.4 After-treatment

Overcoatable with AURO Wall paints or AURO Wall glaze paints when dry.

3. COATING SYSTEM (FOR RENOVATION COATING)

It is absolutely necessary to carry out preliminary tests on old coatings and if the substrate properties are unknown in order to check compatibility, adhesion and solidity and to prevent interaction.

3.1 Type of substrate

Firmly adhering old coatings, intact surfaces (maintenance).

3.1.1 Substrate preparation

Brush down or vacuum-clean substrates, clean in case of heavy soiling. Glue loose wallpaper seams thoroughly, remove adhesive residues, allow to dry sufficiently. Remove all highly resistant, scrub resistant old coatings based on synthetic dispersion (e.g. latex paint) as interaction is possible.

3.1.2 Basic treatment

Intact old coatings do not require priming.

3.1.3 Final treatment

Proceed as described in section 2.3

3.2 Type of substrate

Distemper, lime-based and badly adhering, flaking old coatings (maintenance).

3.2.1 Substrate preparation

Remove distemper, badly adhering, flaking lime paints and non-solid, non-adhesive coatings entirely down to the intact substrate. Repair holes and cracks, e.g. with AURO Natural wall filler No. 329* or with material corresponding to the construction material.

3.2.2 After-treatment

Proceed as described in section 2.2 to 2.4.

REMARKS

- Wait for at least 8 weeks before treating cement plaster, lime plaster and concrete.
- Direct sunlight and exposure to humidity must be avoided during the application.
- The usual humidity normal for the substrate must not be exceeded.
- Stir well before use and during the application.
- Mix products with different batch numbers before use.
- Cover and protect adjacent areas accordingly before use.
- Remove product stains and soiling immediately with water or soapy water.

* See respective Technical Data Sheets.