

## AURO High-grade Clay paint No. 331

## Technical Data Sheet

**Type of material:** Ecological dispersion wall paint, for interiors.

**Intended purpose:**

Paint for application on mineral and organic bases, e.g., wallpaper, plaster, clay, concrete, sand-lime brick, gypsum plaster boards. Suited for all interior surfaces. Ideal for coating clay surfaces.

**Technical properties:**

- Consistently ecological choice of raw materials.
- Free from preservatives
- Open-pored (SD value < 0,015 m).
- Minimal inclination to drip and spatter.
- Rated as "very low-emission" product according to the AgBB evaluation scheme.

**Values according to DIN EN 13300, depending on coverage, substrate, and coating method:**

Opacity	Gloss level	Coverage	Abrasion
Class 2 (contrast ratio)	Matt (measuring angle: 85°)	(At 0,11 l/m <sup>2</sup> 9 m <sup>2</sup> )	Class 3 (wash resistant acc. To DIN EN 53778)

**Composition:**

Water, clay, mineral fillers, titanium dioxide, Replebin®, cellulose, surfactants made of rapeseed- and castor oil, ammonia. Current full declaration on [www.auro.de/en](http://www.auro.de/en).

**Colour shade:**

White, non-yellowing. For coloured clay paint, see AURO COLOURS FOR LIFE High-grade Clay paint no. 535 that is available in more than 700 machine-mixed shades, displayed on [www.auro.de/en](http://www.auro.de/en).

**Application method:**

Brushing, rolling, airless spraying, tested with Wagner SF 23 Plus equipment: Set pressure: 250 bar, spraying pressure: 200 bar, spraying nozzle size: 419 (Trade Tip 3), pistol: AG 08.

**Drying time in standard climate (20 °C / 65% rel. humidity):**

- Overcoatable after 4 – 6 hours. Dried through after 24 hours.
- High humidity levels and low temperatures prolong drying times.
- Provide for adequately tempered ventilation during the drying period.

**Density:** 1,44 g/ml.

**Thinner:** Ready for application; can be thinned with max. 10% water.

**Consumption rate:** Approx. 0.11 to 0.14 l/m<sup>2</sup> per coat, depending on the type of substrate, the manner of application and the surface quality. Determine the exact application rate with a test coating.

**Cleaning of tools:** Press product residues out of brushes or rollers immediately after use and wash thoroughly in water. If necessary, add AURO Plant Soap No. 411\*.

**Storage:** Keep out of reach of children. Store cool, frost-free and dry in tightly closed container.

**Storage stability:** In the original, tightly closed container at 18 °C: 24 months.

**Packaging material:** Polyethylene.

**Disposal:** Liquid residues: EWC code 080120, designation: Paints. Only completely emptied containers with dried product residues can be returned for recycling.

**Attention:**

Observe the usual protection measures, i.e. skin protection, adequate ventilation. In case of skin contact, rinse off immediately with water. In case of eye contact, flush immediately with plenty of water and consult a physician. Do not inhale spray mist. For information on the safe handling of the product, for product labelling and for hazardous goods regulations, please refer to the current Safety Data Sheet and the product label. **No dangerous good.** GIS-Code: M-DF01 dispersion paints, solvent-free. EU VOC value according to 2004/42/EC II A (aWb): 30 g/l (2010). **Product VOC: ≤ 1 g/l.**

# Technical recommendations for application

## AURO High-grade Clay paint No. 331

### 1. SUBSTRATE

#### 1.1 Suitable substrates

Wallpaper, plaster, concrete, lime-sand stone, brickwork, clay plaster, gypsum plaster boards, old coatings able of wetting (dispersions, lime paints, silicate paints). Conduct test coating to establish compatibility before application on glass-fibre fabric, textile, vinyl and structured wall coverings.

#### 1.2 General substrate requirements

The substrate must be dry, clean, firm, chemically neutral to mildly alkaline, able to support, adhering, free from oil, fat, separating or staining substances.

### 2. COATING SYSTEM

#### 2.1. Substrate preparation

Brush off loose particles. Flourey and sanding substances must be removed by brushing. Test substrate on neutrality, neutralise if necessary. Remove sinter skin by grinding. Wash off releasing agents. Fill holes and cracks with AURO Wall filler No. 329\* and sand smooth, remove burrs. Carefully reseal open wallpaper seams; remove lime residues. Completely remove poorly adhering, peeling coatings, as well as old coatings that have a poor wetting ability or are otherwise improper.

#### 2.2 Basic treatment

- Intact, uniformly or poorly absorbing substrates can be primed with AURO Grip coats 505\* or 506\*, diluted with max. 10% water.
- Intensely or varyingly absorbent surfaces and plasterboard are primed with AURO Plaster primer No. 301\*, diluted with water in a 1:1 ratio.

#### 2.3 Intermediate treatment

Apply uniformly with a brush, roller or spray gun (airless). Can be thinned with up to max. 5 % of water, depending on the substrate and the method of application. Please note: For coloured clay coatings, AURO offers the COLOURS FOR LIFE High-grade Clay paint no. 535.

#### 2.4 Final treatment

Proceed as described in 2.3, add up to max. 10 % water if necessary. Final treatment is not necessary if intermediate treatment already produces the desired result.

### 3. FOLLOW-UP TREATMENT

Subsequent decorative treatment is possible with AURO Colour wash plant glazes No. 360\*, Wall glaze waxes No. 370\* or Colour wash binder No. 379\* with the addition of pigments.

### 4. REMARKS

- Before application, check substrate on suitability and compatibility.
- Avoid direct exposure to sunlight and moisture during application. Protect from soiling's during the drying process.
- Mix products with different batch numbers prior to application to offset batch-induced differences. Or apply different batch numbers on walls and ceilings which are separated through corners.
- Process temperature at least 10 °C, max. 30 °C, max. 85% rel. humidity, optimal 20-23 °C, 40-65% rel. humidity.
- Stir thoroughly prior to application.
- Protect surrounding surfaces, remove stains and spatters immediately with water and AURO Plant soap No. 411\*.
- Leave new plasters and lime-sand brick walls untreated for at least 6 weeks; neutralise if necessary.
- Slightly irregular, cloudy surfaces can form, depending on the given object conditions (e.g., large surfaces exposed to intense light). Consequently, avoid partial drying and work speedily wet-on-wet.
- Check and maintain the surfaces regularly for optimal, permanent protection and immediately repair damaged areas.
- Observe the state of the art for planning and coating (applicable regulations and procedures).
- All coating work must be adapted to the given object and its use.
- Information for allergy sufferers: Tel. +49 531 281 41 0. Natural products are neither odourless nor emission-free.

\* Observe 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: 09.2023