AURO COLOURS FOR LIFE
High-grade Clay paint No. 535

Technical Data Sheet

Type of material: Ecological dispersion clay paint for interiors, available in over 1000 colour shades.

Intended purpose:
Paint for coloured applications and decorative design on mineral and organic bases, e.g. wallpaper, plaster, clay, concrete, gypsum plaster boards etc. Suited for all non-alkaline interior surfaces (due to high pH values, on alkaline surfaces colour deviations are possible). Ideal for coating clay surfaces.

Technical properties:
Consistently ecological choice of raw materials. 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.

Details in conformity with DIN EN 13300:

Opacity (contrast ratio)	Abrasion	Sheen level (85°)	Consumption rate	Coverage
Class 2*	Class 3*	Matt	0,11 – 0,14 l/m²**	Up to 9 m²/l**

* Values vary with selected colour shade and pigmentation ** Values vary with substrate condition and type of application

Composition:
Water, clay, mineral fillers, Replebin®, titanium dioxide, mineral pigments, cellulose, surfactants made of rapeseed and castor oils, ammonia, sodium pyrithione, benzisothiazolinone. Current full declaration on www.auro.de.

Colour shades:
Over 1000 available colour shades are displayed on www.auro.de and in the COLOURS FOR LIFE colour tone fan. Colour effect can vary depending on substrate condition and variations in application. It is therefore recommended to make a test coating before application on large areas. After application, claims based on colour tone variations cannot be accepted. Due to technical reasons, minor deviations in colour tone can occur between mixtures of the same colour tone on different machine types.

Application method:
Brushing, rolling → a short-pile wall paint roller is recommended for a uniform coating.
Airless spraying (tested with Wagner MF 250), 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: Depending on colour tone.

Thinner: Ready for application.

Consumption rate:
Approx. 0.11 to 0.14 l/m² per coat, depending on the type of base, manner of application and 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: 12 months.

Packaging material: Polypropylene, metal or plastic handle.

Disposal:
Liquid residues: EWC code 080120, designation: Paints. Only completely emptied containers with dried product residues can be returned for recycling. Only dried product residues can be disposed of as building waste or domestic waste.

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 COLOURS FOR LIFE High-grade Clay paint No. 535

1. SUBSTRATE

1.1 Suitable substrates

- Wallpaper, plaster, concrete, brickwork, clay plaster, gypsum plaster boards, old coatings able of wetting, glass-fibre fabric.
- Conduct test coating to establish compatibility before application on textile, vinyl and structured wall coverings.
- On strongly alkaline substrates like lime, lime plaster or silicate, the high pH value can cause a slight shift of the colour tone. A pretest on a small surface is recommended to check if the required colour tone is correctly reproduced.

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. For a uniformly coloured finish, the substrate should already have a uniform colour.

2. COATING SYSTEM

2.1. Substrate preparation

- Brush off loose particles. Floury 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 glue 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 Wall paints, diluted with up to 10% of water.
- Intensely or varyingly absorbent surfaces and plasterboard are primed with AURO Plaster primer No. 301*.
- Provide a uniformly coloured substrate to avoid colour differences on the wall surface. A uniformly white surface can be achieved with a prime coat of AURO Grip coat No. 505* or AURO Wall paint No. 321*, diluted with up to 10% of water.

2.3 Intermediate treatment

- Apply uniformly with a brush, roller or spray gun (airless).
- Can be thinned with up to max. 10 % of water, depending on the substrate and the method of application. Please note that thinning can cause slight colour changes.
- In order to assess the colour shade and its actual effect in a room, it is recommended to do a representative test coating.

2.4 Final treatment

Proceed as described in 2.3. Final treatment is not necessary if intermediate treatment already produces the desired result.

Processing notes

- Before product application, check substrate on suitability and compatibility.
- Avoid direct exposure to sunlight and moisture during application. Protect from contaminants during the drying process.
- 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 paints are not free from odours or emissions.

* 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: 08.01.2024