

AURO Wall paint, white No. 320



Type of material Ecological dispersion wall paint, white, for interiors.

Intended purpose

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

Technical properties

- Consistently ecological choice of raw materials.
- Open-pored (SD value < 0,05).
- Minimal inclination to dripping and splashing.
- Rated as “very low-emission” product according to the AgBB evaluation scheme.
- Details in conformity with DIN EN 13300 (depending on coverage, base, and coating method).

Whiteness degree (luminosity): 96

Opacity (contrast ratio): class 3

Sheen level (measuring angle of 85°): matt

Coverage (at 0,12 l/m): 8 m

Abrasion Class 3 (wash resistant acc. to DIN EN 53778)

Composition

Mineral fillers, water, Replebin®, titanium dioxide, cellulose, surfactants made of rapeseed- and castor oil, ammonia, thiazoles. May cause allergic reactions. Current full declaration on www.auro.de.

Color shades

White, not yellowing; can be tinted with Full-shade tinting colour No. 330*. For colour tone examples, see the AURO Colour Designer on www.auro.de.

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 at 20 °C / 65% rel. humidity

- Overcoatable with wall paint after 4 – 6 h, with wall glazes after 48 h. Dried through and fully loadable after 28 days.
- High humidity levels and low temperatures prolong drying times.
- Provide for adequately tempered ventilation during the drying period.

Density 1,42 g/ml.

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

Consumption rate

Approx. 0.12 to 0.14 l/m 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 original, closed container at 18 °C: 12 months.

Packaging material Polypropylene, metal handle.

Disposal

Liquid residues: EWC code 080120, designation: Paints. GIS-Code: M-DFo1 dispersion paints, solvent-free. Only completely emptied containers with dried product residues can be returned for recycling. Only dried product residues can be disposed of as fully hardened paints 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. See Safety Data Sheet and Technical Data Sheets.

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

Technical recommendations for application

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1. SUBSTRATE

1.1 Suitable substrates

- Wallpaper, plaster, concrete, lime sandstone, brickwork, clay, 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.
- Check pH value of substrate and neutralise where 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 wallpaper seams; remove glue residues.
- Completely remove poorly adhering coatings, as well as old coatings that have a poor wetting ability or are otherwise improper.

2.2 Basic treatment

- Intact, uniformly and poorly absorbing substrates, can be primed with AURO Wall paint, white No. 320. Dilute with max. 10% water, apply by brush.
- Strongly or varyingly absorbent surfaces 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 diluted with up to max. 10 % of water, depending on the substrate and the method of application.
- For coloured decoration, the product can be tinted with AURO Full-shade tinting colour No. 330*. For strong colour shades, tinting ex factory is recommendable. The abrasion resistance is deteriorated by addition of AURO Full-shade tinting colour No. 330*.
- It is recommended to do a representative test coating to determine the actual colour effect and appearance.

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. AFTER-TREATMENT

Decorative follow-up applications can be realised with AURO Colour wash plant glazes No. 360*, Wall glaze waxes No. 370* or with AURO Colour wash binder No. 379* to which pigments have been added.

4. REMARKS

- Before application, check substrate on suitability and compatibility.
- Avoid direct exposure to sunlight, moisture influences and dirt during application.
- Mix products with different batch numbers prior to application to offset batch-induced differences.
- 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 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.

* 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: 21.04.2015