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Technical Data Sheet

AURO Wall paint No. 321

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 ‹ 0,1 µ›.
- 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 (depending on coverage, base, and coating method).

Whiteness degree (luminosity): 98
Opacity (contrast ratio): class 2
Sheen level (measuring angle of 85°): matt
Coverage (at 0,11 l/m²): 9 m²
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, 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 in standard climate (20 °C / 65% rel. humidity)
- Overcoatable after 4 – 6 hours. 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 1,39 g/ml.

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

Consumption rate
Approx. 0.10 to 0.12 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. Before closing, remove adhering paint from the lid and the rim of the can.

Storage stability In the original, tightly closed container at 18 °C: 12 months.

Packaging material Polypropylene, metal handle.

Disposal
Liquid residues: EWC code 080120, designation: Paints. GIS-Code: M-DF01 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: ≤ 1 g/l.

Technical recommendations for application
AURO Wall paint No. 321

1. SUBSTRATE

1.1 Suitable substrates

- Wallpaper, plaster, concrete, lime-sand stone, 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. Floury and sanding substances must be removed by brushing.
- 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 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, poorly absorbing substrates can be primed with AURO Wall paint No. 321, diluted with max. 10% water.
- Intensely 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 thinned with up to max. 10 % of water, depending on the substrate and the method of application.
- For coloured decoration, product can be tinted with AURO Full-shade tinting colour No. 330*.
- For strong colour shades, tinting ex factory is recommendable.
- 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 after-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, 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.

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