

AURO Washable wall paint no. 324

Technical data sheet

Type of material: Natural resin dispersion wall paint, white, for interiors.

Application

Paint for application on all neutral, mineral and organic bases (e.g. plaster, clay, concrete, brickwork, woodchip wallpaper, gypsum plaster boards and the like).

Technical properties

- Consistent selection of ecologically friendly raw materials
- Minimal inclination to dripping and spatter
- Details in conformity with DIN EN 13300 (depending on base, coating rate and method):
Whiteness: 96; Covering power: class 3; Sheen level: matt; Abrasion: class 1;
Consumption: 0,10 – 0,14 l/m², depending on absorptive capacity of the substrate.

Composition

Water; mineral fillers; titanium dioxide; as amino soap: colophony glycerine ester with organic acids and linseed-, castor-, sunflower-oils; dammar; cellulose; silicic acids; stearic acid; surfactants made of rapeseed oil, castor oil; lecithine; fatty acids; drying agents (e.g. cobalt salts); sodium benzoate; potassium sorbate; alcohol; orange oil; eucalyptus oil; rosemary oil. Natural products are neither odourless nor emission-free. May cause allergic reactions.

Shades

White, can be tinted with AURO Full-shade tinting colour No. 330*. Tinting reduces resistance to abrasion, washability.

Coating methods

Brushing, rolling or airless spraying:

Spraying pressure: 100 - 120 bar

Air pressure: 3-4 bar

Spraying nozzle: flat jet 5/18

Drying time at 20 °C / 65% rel. humidity)

- Dry for overcoating with wall paint: after approx. 24 hours; can be overcoated with glaze systems after 5 days; fully loadable after 28 days.
- High humidity levels and low temperatures lengthen these times.
- Drying by the absorption of oxygen is associated with a product-typical smell. Therefore, adequately tempered ventilation is necessary during the drying period.

Density: 1,33

Thinner: The product is ready for application but can be thinned with max. 20% water.

Application rate

Approx. 0.10 to 0.14 l/m² per coat, depending on the type of base, manner of application and surface quality. Test coating is recommended to establish the exact application rate.

Tool cleaning

Carefully press out brushes or rollers immediately after use and wash thoroughly in water to which AURO Plant Soap No. 411* has been added.

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

Shelf life

In the original, tightly closed container at 18 °C: 12 months. Use up opened containers as quickly as possible. Cover the surface with AURO Thinner No. 191* for a limited storage period.

Packaging material: Polypropylene, metal strap

Disposal of liquid residues

European Waste Code 080112, designation: Paints. 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.

WARNING: Observe the customary protective measures. Ensure adequate skin protect and ventilation during application. Rinse thoroughly with plenty of water in the event of contact with the skin and eyes and consult a doctor. For further details see Safety data sheet. Product code: M-DF 04 Natural Resin Paints.
EU VOC value according to 2004/42/EC II A (aWb): 75 g/l (2007), 30 g/l (2010). Product VOC: ≤ 10 g/l.

Application-technical recommendations

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1. BASE

1.1 Appropriate bases

- Plaster, clay, concrete, lime-sand stone, gypsum plaster boards, woodchip wallpaper, brickwork, equivalent old matt coatings.
- Conduct test coating to establish compatibility before application on glass-fibre fabric, textile and structured wall coverings.

1.2 General base requirements

- The base must be dry, clean, firm, chemically neutral, able to support, absorptive, free from oil, fat, separating or staining substances.

2. COAT COMPOSITION

2.1. Base preparation

- Brush off loose particles. Flourey and sanding substances must be removed by brushing.
- Check base for neutrality.
- Remove sinter skin by grinding. Wash off releasing agents.
- Fill holes and cracks with AURO Wall filler No. 329* and sand smooth.
- Carefully reseal wallpaper seams; remove paste residues
- Remove poorly adhering, peeling or improper old coatings.

2.2 Base treatment

- Intact, uniformly absorbing bases can be primed with AURO Washable wall paint, diluted with max. 20% water.
- Prime intensely or varyingly absorbent surfaces with AURO Plaster primer No. 301*, diluted with water in a 1:1 ratio.
- Instead of diluted wall paint or plaster primer, the Auro Universal wall primer no. 305* can also be used for priming.

2.3 Intermediate treatment

- Apply uniformly with a brush, roller or spraygun (airless).
- AURO Washable wall paint no. 324 can be thinned with max. 10% water, depending on the kind of base and manner of application.
- AURO Washable wall paint no. 324 can be tinted with AURO Full-shade tinting colour No. 330* for coloured decoration. Factory-supplied shades should be used for stronger shades. Conduct tests to evaluate colour effect and appearance.

2.4 Final treatment

- Proceed as described in 2.3, but add only up to max. 5% water if necessary. Final treatment is not necessary if intermediate treatment produces the desired result.

3. FOLLOW-ON TREATMENT

Decorative follow-on 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. GENERAL REMARKS

- Check the base for suitability and compatibility prior to product application.
- Avoid direct exposure to sunlight, moisture influences and dirt while the coat is drying.
- 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 plaster untreated for at least 6 weeks, and lime-sand brick walls for at least 6 month; neutralise if necessary.
- Please note that a gradual slight yellowing effect is typical for natural resin dispersion paints.
- 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.
- All coating work must be adapted to the given object and its use.

* For further details see Technical data sheets.

This Technical data sheet merely gives recommendations and possible examples. No binding force or liability can be deducted from this sheet. Using the recommendations does not imply a legal relationship. The details conform with our present-day knowledge and do not absolve users from their own responsibilities. The current state of the art must be observed in connection with all coating and preparation work. The conditions of the object and product suitability must be competently verified. This Technical data sheet loses its validity with the publication of a new version. Status: November 10, 2010; 1st edition.