



## AURO Wall Paint Professional paint, satin No. 322-03

### Technical Data Sheet

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

**Field of application:** Coatings on all neutral, mineral and organic bases (e.g. plaster, woodchip wallpaper, gypsum plaster boards and the like).

#### Technical properties

- Consistently ecological choice of raw materials
- Free from chemical preservatives
- Open pore (sd-value < 0.1 m)
- Minimal inclination to dripping and spatter
- Details in conformity with DIN EN 13300, dependent on substrate, method and quantity of application. At 0,10 l/ m:  
Degree of whiteness: 97; Covering power: class 2, Degree of gloss measured at an angle of 85°: semigloss (silky matt), Yield: 1 l covers approx. 10 m, Abrasion: class 2 (scrub resistant according To DIN 53778).

#### Composition

Water; titanium dioxide; mineral fillers; linseed oil; dammar; surfactants made of rapeseed and castor oils; lecithines; cellulose; borates; alcohol; orange oil; rosemary oil; eucalyptus oil.

Natural colours are not odour and emission free. Consider possible allergies. The Full Declaration on [www.auro.com](http://www.auro.com) is always up-to-date and definitive.

#### Colour tone

White, can be tinted with AURO Full shade tinting colours No. 330\*.

#### 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 in a normal climate (23 °C/ 50% rel. humidity)

- Dry for overcoating after approx. 24 hours; can be overcoated with glaze systems after approx. 5 days.
- Wash and scrub resistance according to DIN/EN is achieved after approx. 4 weeks. High humidity levels and low temperatures lengthen these times.
- Drying by the absorption of oxygen is associated with a product-typical smell. Consequently, adequately tempered ventilation is necessary during the drying period.

**Thinner:** Product is ready for application; can be thinned with max. 20 % water

**Application rate:** Approx. 0,1 l/ m<sup>2</sup> per coat, depending on the base, method of application and surface quality. Test coating is recommended to establish the exact coverage.

**Tool cleaning:** Immediately after use, press rollers/ brushes out thoroughly and wash in water to which AURO Plant soap No. 411\* has been added.

**Storage:** Cool, frost-free and dry, in tightly closed container.

**Shelf life:** In original container at 18 °C: 12 months. The product is not chemically preserved. Therefore, opened containers must be used up as quickly as possible. Cover the surface with AURO Thinner No. 191\* for a limited storage period.

**Packaging material:** Polypropylene, metal strap

**Disposal:** Liquid residues: EWC-Code 080120. Check additional local regulations for paint disposal. Only completely emptied containers with dried product residues can be returned for recycling. Only dried product residues as fully hardened paints can be disposed of as domestic waste.

**Attention:** Observe customary protective measures. Ensure adequate skin protection and ventilation during application. Rinse thoroughly with plenty of water in the event of contact with the skin and eyes and consult a doctor, if necessary. Observe Safety Data Sheet and Technical Data Sheet\*.

# Technical recommendations for application

## Professional paint, satin No. 322-03

### 1. BASE

#### 1.1 Appropriate bases

- Masonry, plaster, gypsum plaster board, woodchip wallpaper, comparable substrates.
- On glass-fibre fabric, textile and structured wall coverings, conduct test for product compatibility prior to application

#### 1.2 General surface requirements

- The surface must be dry, firm, chemically neutral, clean, able to support, free from grease, separating or staining substances.

### 2. COAT COMPOSITION

#### 2.1 Base preparation

- Brush off loose particles, check base for neutrality. Sand off sinter skin, repair faults according to surface requirements.
- Wash off soilings (e.g. releasing agents) with grease removing cleaner, e.g. Auro Paint and stain cleaner No. 435, then wipe with water thoroughly.
- Sweep off or vacuum intact old coatings, clean, wash off stronger soilings.
- Loose wallpaper seams should be glued, residues of wallpaper glue be removed, let dry well.
- Old synthetic dispersion coats (e.g. latex paint) must be removed, also distemper coats, non-adhering, flaking old paint coats. Flourey or sanding substances must be brushed off. Clean base thoroughly with water afterwards.
- Before priming, fill holes and cracks with AURO Wall filler No. 329\* and sand smooth.

#### 2.2 Priming

- Intact bases can be primed with AURO Professional paint, satin No. 322, diluted with max. 20% water, dependent on the nature of the substrate.
- If necessary, for instance with intensely or varyingly absorbent surface, prime with AURO Plaster primer No. 301\*, diluted with water in a 1:1 ratio.
- Producers of gypsum plasterboards often specify prime coats. Please observe instructions from the producers.

#### 2.3 Intermediate treatment

- Apply uniformly with a brush, roller or spraygun (airless).
- AURO Professional paint, satin No. 322 can be thinned with max. 10% water, depending on the kind of base and method of application.
- For coloured decoration, the product can be tinted with AURO Full shade tinting colours No. 330\*. For stronger colour shades, pre-mixing by the producer is recommended. Conduct tests to establish colour effect and appearance.

#### 2.4 Final treatment

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

### 3. FOLLOW-ON TREATMENTS

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 or without the addition of pigments.

#### General remarks:

- Check the base for suitability and compatibility prior to product application.
- Avoid direct exposure to sunlight, moisture influences and dirt during application and 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 is: 20-23 °C, 40-65% rel. humidity.
- Stir thoroughly prior to application.
- Stains and spatter must be immediately removed with water or soap lye.
- Leave new plaster untreated for at least 6 weeks, and lime-stock brick walls for at least 6 months; 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. 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. The advice given implies no liability or other legal responsibility on our part. 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: 01.02.2010.