

AURO High-grade silicate primer No. 306

Type of coating material

Pigmented undercoat based on pure silicate without plastic dispersion.

Application

As primer for AURO lime paints and silicate paints, especially for AURO High-grade lime paint no. 344* when used outdoors.

Technical properties

- Easy application.
- Consistently ecological choice of raw materials.
- Slightly filling character.
- Not inflammable, not combustible.
- Highly open-pored (sd value: < 0.05 m).

Composition

Water, mineral fillers, potassium silicate, titanium dioxide, xanthane. Natural paints are neither odourless nor emission-free. Consider possible allergies. Our current full declaration on our homepage is authoritative.

Colour shade

White. Tintable only for inside: with max. 2% of silicate-resistant pigments.

Application method

Minimum application temperature: +8 °C. Apply a thin coat swiftly and evenly by mineral paint brush or roller. If necessary, dilute with Silicate binder no. 304* depending on the surface absorptivity.

Drying time in standard climate (+23 °C / 50% rel. air humidity)

- Recoatable after approx. 24 hours depending on temperature, air and surface humidity.
- Low air and wall temperatures and high air humidity slow down the drying process and may lead to stain formation.
- Final strength is obtained after several weeks.

Density	Approx. 1,42 g/cm ³	Hazard class: Not applicable.
pH value	Approx. 12 (highly alkaline)	
Thinner	AURO Silicate binder no. 304*. Do not dilute with water.	
Consumption	Approx. 0.10 l/m ² per application. May vary depending on the application method, texture and surface absorptivity. Carry out a test application to assess the exact consumption rate.	
Cleaning of tools	Clean tools with water immediately after use. Avoid paint splashes and overlaps, remove material immediately.	
Storage	Store cool, dry, above freezing point in firmly closed original containers and keep out of reach of children.	
Storage stability	24 months in unopened original container at +18 °C.	
Packaging material	Polypropylene.	
Waste disposal	Completely empty containers can be disposed of at waste collection points and be recycled. Solid, dried and cured residues can be disposed of as construction waste or as domestic waste. Liquid residues: EWC (European Waste Catalogue) code 080112, if necessary, coordinate with those responsible for waste disposal.	
Attention	Similar to e.g. lime mortar and cement mortar, this product reacts alkaline due to its potassium silicate content. Keep out of reach of children. It is recommended to wear protective goggles with side protection and alkali-resistant protective gloves during the application. Avoid contact with skin and eyes. After contact with skin, wash immediately with water, after contact with eyes, rinse immediately with plenty of water and seek medical advice. Spraying: Do not breathe vapour/aerosol.	

Application-technical recommendations

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1. SURFACE

1.1 Suitable surfaces

Mineral, weather-resistant, untreated surfaces (e.g. plaster, concrete, lime sand bricks, old pure silicate paints) capable of silicification outdoors. Indoors, also loam, gypsum plaster, woodchip wallpaper, mineral paints. Carry out a test application to check old, matt coatings inside for suitability for recoating, and slightly roughen, if necessary.

1.2 Unsuitable surfaces

Wood, plastics and surfaces similar to plastic. Remove plastic-based old coatings, glossy and gloss-like coatings as well as non-adhering, unstable old coatings.

1.3 General surface requirements

Surfaces must be stable, solid, dry, slightly absorptive, water-wettable, clean, free of dust, oil, grease, efflorescence and ingredients bleeding through, and must not be chalky or crumbling.

2. COATING SYSTEM (INITIAL COATING)

2.1. Surface preparation

- Remove brittle particles, dust, soiling, oil-based substances, moss, algae, old coatings (apart from pure silicate paints), sand down sinter layers on new plaster or concrete surfaces, wash down parting agents, e.g. with AURO Paint and stain cleaner no. 435*
- Brush down chalky surfaces dry or wash.
- Fill holes, cracks, etc. with material corresponding to the building material.
- Protect and thoroughly cover surfaces not to be treated (especially glass, ceramics, wood, metal) and adjacent areas.

2.2 Primer treatment

Prime highly absorptive surfaces with diluted Silicate binder no. 304* (1 part of no. 304, 2 parts of water)

2.3 Intermediate treatment

Depending on the surface absorptivity, dilute Silicate primer no. 306 with max. 20% of AURO Silicate binder no. 304*, if necessary.

2.4 Secondary treatment

After preparing the surface appropriately, subsequent coatings can be applied, e.g. Silicate paint no. 303, High-grade lime paint no. 344.

3. COATING SYSTEM FOR RENOVATION COATINGS

3.1 Type of surface: Intact surface (maintenance).

3.1.1 Surface preparation

Brush down, vacuum clean, thoroughly clean firmly adhering old coatings. Wash down soiling.

3.1.2 Primer treatment: Not required for intact old coatings.

3.1.3 Intermediate treatment: Not required for intact old coatings. Intermediate treatment as described under 2.3 is recommended for surfaces rich in contrast.

3.1.4 Final treatment: As described under 2.4.

3.2 Type of surface: Highly worn or defective surfaces (maintenance).

3.2.1 Surface preparation: Remove badly adhering, flaking old coatings entirely, if necessary, prepare as described under 2.1.

3.2.2 Primer treatment: If necessary, prime as described under 2.2.

3.2.3 Intermediate treatment: As described under 2.3.

3.2.4 Final treatment: As described under 2.4.

Notes

- Application temperature: +8 °C min., +30 °C max., ideally +18-+25 °C; max. rel. air humidity: 85 %, ideally: 40-65 %.
- Stir well before and during use.
- Do not mix with products other than those specified.
- Avoid direct sunlight and exposure to humidity during the application.
- Avoid exposure to humidity and soiling during the drying process.
- Transparent while wet, full opacity is obtained after drying.
- Surfaces may be slightly cloudy which is a product-specific characteristic.
- All coating work must be adjusted to the respective object and its use.

* See respective Technical Data Sheets.

The information contained in this technical data sheet provides recommendations and possible examples. It is non-binding and does not constitute a basis for liability. Use of advice does not constitute a legal relationship. The information provided reflects the current state of our knowledge and experience and does not free the user from the obligation to make his or her own tests to check the suitability of the product for the intended purpose. State-of-the-art technology must be taken into account for all paint jobs and preparations thereto. Conditions applying to the object and product suitability must be checked and tested properly. This Technical Data Sheet is no longer valid when a new edition appears. Status: 15.02.2008.

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