

Histolith® Antik-Lasur

Suitable for decorative glaze coats, exteriors and interiors.



Product Description

Field of Application

Histolith® Antik-Lasur (Antique Wall Glaze) is a glaze concentrate for creating decorative semi-transparent paint coats (glaze/scumble coat) using historical examples of coatings. Particularly suitable for texture preserving translucent coats on natural stones.

Material Properties

- High weather resistance.
- Water-repellent, w-value = 0.05 kg/m²·h
- High water vapour permeability, sd-value < 0.01 m
- Highly permeable to carbon dioxide.

Material Base / Vehicle

Potassium silicate (water glass) with organic additives according to DIN 18 363, section 2.4.1

Packaging/Package Size

5 litres, 10 litres

Colours

White transparent.

The product can be tinted to a max. of 30 % with Histolith® Volltonfarben SI (colourants) or tinted Histolith® Außenquarz. Also tintable via the ColorExpress tinting & mixing machine system using inorganic colourants (colour pastes). Determine the desired colour shade and transparency by trial coatings.

Gloss Level

Matt (flat)

Storage

Keep in a cool, but frost-free place.
The product should only be stored in plastic buckets/containers.

Technical Data

- Density: Approx. 1.0 g/cm³

Suitability according to
Technical Information No. 606
Definition of Application Areas

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
+	+	+	+	+
(-) inapplicable / (○) of limited suitability / (+) suitable				

Application

Suitable Substrates

The substrate must be solid, sound/stable, dry, clean, and free from all substances that may prevent good adhesion. In Germany: Follow VOB, part C, DIN 18363, section 3.



Substrate Preparation

Exterior Substrates

New Renders/Plasters in Mortar Groups/Classes PI (Lime Plasters), PII (Lime-Cement Mortars) and PIII (Cement Mortars) / Minimum Compressive Strength according to DIN EN 998-1: 1 N/mm²:

New renders/plasters must be left untreated for a sufficiently long time, minimum one week. Remove sintered layers/skin with Histolith® Fluat.

Unpainted Existing Renders/Plasters in Mortar Groups/Classes PI, PII and PIII / Minimum Compressive Strength according to DIN EN 998-1: 1 N/mm² and Existing Coats of Mineral Paint:

Clean the surface thoroughly and remove all layers of low adherence. Apply one priming coat of Histolith® Silikat-Fixativ, thinned in ratio of 2:1 to 1:1 with tap (potable) water, depending on substrate absorbency.

Render/Plaster Repairs:

Repair mortars should match the existing render/plaster in type and texture and must be allowed to set and harden thoroughly before being painted. Treat all repairs with Histolith® Fluat and rinse with tap water.

Natural Stones:

Only absorbent natural stones are suitable substrates. Always check for compatibility and apply a trial coating. Clean the surface thoroughly and remove all layers of low adherence. Strengthen sanding natural stones with stone sealer Histolith® Steinfestiger.

Note: Natural stones with water-soluble substances of content may show efflorescence on the paint coat and visible stains may occur.

Surfaces with Fungal or Algal Attack:

Wash off the fungal (fungi/mildew/mould) or algal attack. Allow the surface to dry, then use Histolith® Algenentferner (algae remover) and allow to dry. Prior consultation with our technical assistance is needed to obtain the correct surface coating system.

Interior Substrates

New Renders/Plasters (Mortar Groups/Classes PIc, PII and PIII) / Minimum Compressive Strength according to DIN EN 998-1: 1 N/mm²:

Leave to stand for 2-4 weeks. Remove sintered skin with Histolith® Fluat.

Gypsum Renders/Plasters in Mortar Group/Class PIV / Minimum Compressive Strength according to DIN EN 998-1: 2 N/mm²:

On sound/stable, solid renders/plasters apply one priming coat of Histolith® Weißgrund (interior primer).

Strengthen soft gypsum renders/plasters with Histolith® Spezialgrundierung (special primer).

Sand/grind gypsum plasters with sintered skin, then remove sanding dust and apply one priming coat of Histolith® Spezialgrundierung.

In each case: Allow to dry well, then apply one intermediate coat of Histolith® Weißgrund.

Gypsum Plasterboards (Sandwich-Type Plaster Boards):

Sand down filling burrs. Prime with Histolith® Weißgrund. Strengthen soft filled gypsum patches with Histolith® Spezialgrundierung. Apply one priming coat of Histolith® Weißgrund. For boards with water-soluble content that leaves marks, apply one priming coat of Caparol Aqua-Sperrgrund.

In Germany: Follow BFS Data Sheet No. 12.

Gypsum Wallboards/Building Boards:

Apply one priming coat of Histolith® Weißgrund.

Concrete:

Remove all residues of parting agents.

Sound/Stable Existing Coats of Matt (Flat) Emulsion Paint:

Clean the surface thoroughly. Apply one priming coat of Histolith® Weißgrund.

Glue-Bound Distemper (Limewater Colour/Paint):

Wash off (remove) thoroughly to achieve a stable substrate. Prime with Histolith® Spezialgrundierung.

Mildewed/Mouldy Surfaces:

Wash off the fungal (fungi/mildew/mould) attack. Apply Histolith® Algenentferner (algae remover) on the fully dry surface, then allow to dry again. Prior consultation with our technical assistance is needed to obtain the correct surface coating system.

Method of Application

Apply the product with paint brushes, stippling brush, natural sponge or cloth, depending on the desired effect.

Surface Coating System	<p>The product can only be applied in tinted form.</p> <p>Translucent Glaze/Scumble Coats on Natural Stone: Priming coat, intermediate and finishing coat of product, adjusted to a max. of 10 % with Histolith® Silikat-Fixativ, diluted 2:1 with tap water.</p> <p>Decorative Semi-Transparent Glaze Coats on Facades: Prime highly/strongly or unevenly absorbent substrates or sanding mineral surfaces with Histolith® Silikat-Fixativ, diluted 2:1 to 1:1 with tap (potable) water, depending on substrate absorbency. Apply one covering priming or intermediate coat of Histolith® Quarzgrund or Histolith® Außenquarz, depending on the desired texture, in white or bright-toned, matching the subsequent glaze coat in shade.</p> <p>Apply 1-3 finishing coats of tinted Histolith® Antik-Lasur, depending on the desired glaze effect. Adjust the transparency with max. 10 % of Histolith® Silikat-Fixativ, diluted 2:1 with tap water.</p> <p>Decorative Glaze Coats on Interior Wall Areas: Prime highly/strongly or unevenly absorbent substrates or sanding mineral surfaces with Histolith® Silikat-Fixativ, diluted 2:1 to 1:1 with tap (potable) water, depending on substrate absorbency. Apply one covering priming or intermediate coat of Histolith® Strukturgrund or Histolith® Weißgrund, depending on the desired texture, in white or bright-toned, matching the subsequent glaze coat in shade.</p> <p>Apply 1-3 finishing coats of tinted Histolith® Antik-Lasur, depending on the desired glaze effect. Adjust the transparency with max. 10 % of Histolith® Silikat-Fixativ, diluted 2:1 with tap water.</p>
Consumption	Approx. 80–100 ml/m ² for one coat on an even/smooth surface. On rough-textured surfaces correspondingly more. The exact consumption is best established by a trial coating (test area) on site.
Application Conditions	Lower Temperature Limit for Application and Drying: +8 °C for product, substrate and ambient air.
Drying/Drying Time	At +20 °C and 65 % relative humidity surface-dry and recoatable after 12 hours. Rain resistant after approx. 24 hours. Lower temperatures and higher humidity extend the drying time.
Tool Cleaning	Clean tools/equipment immediately after use with water.
Note	<p>To avoid lapping, the product should be applied wet-on-wet and without interruption. Do not apply on horizontal or inclined surfaces exposed to rain or moisture.</p> <p>Do not apply on sun heated substrates, during high temperatures, strong wind, extremely high relative humidity, fog or rain, or imminent rain and frost. Night frost must be avoided.</p> <p>Protect the facade with suitable scaffolding-nets or tarpaulins, if necessary.</p> <p>Protective Measures: The areas adjoining the surface to be painted should be carefully masked, in particular glass, ceramics, enamel/varnish coatings, clinkers, natural stone, metals and wood.</p>

Advice

Please Note (Status as at Date of Publication)	<p>Keep out of reach from children. Use P2 dust filter for grinding. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the paint. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. The product is highly alkaline. Protect eyes and skin from paint splashes. The areas adjoining the surface to be coated must be carefully masked, in particular glass, ceramics, enamel/varnish coating, clinkers, natural stones, wood and metals. Wash splashes immediately and completely with plenty of clean water.</p> <p>Further information: See Material Safety Data Sheet (MSDS).</p>
Disposal	<p>Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures.</p> <p>In Germany: Only completely emptied containers must be given for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried/hardened product residues as construction site/demolition/municipal or domestic waste.</p>
EU limit value for the VOC content	of this product (category A/c): max. 30 g/l (2010). This product contains max. 10 g/l VOC.
Product Code Paints and Enamels	M-SK01
Technical Assistance	As it is impossible to list herein the wide variety of substrates and their specific problems, please request our technical assistance in case of queries. We will describe appropriate working methods, if a substrate not specified above is to be coated.
Customer Service Centre	<p>Tel.: (+49) 0 61 54 / 71 17 10 Fax: (+49) 0 61 54 / 71 17 11 e-mail: kundenservicecenter@caparol.de</p> <p>International Distribution: Please see www.caparol.de/en</p>

Technical Information No. 1006 · Issue: January 2015

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No. 1006 · Histolith® Antik-Lasur · Issued: September 2014

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