

# Histolith® FassadenKalk

The weather-resistant lime coating

## Product Description

Field of Application	Structure-preserving lime paint with linseed oil additive for lime coatings, especially for the preservation of historic buildings. Particularly suitable for coating lime-rich renders and for renovating absorbent, mineral-based old coatings.
Material Properties	<ul style="list-style-type: none"> <li>■ Weather resistant</li> <li>■ Lightfast pigmentation</li> <li>■ Coated with linseed oil</li> <li>■ Hydrophilic</li> <li>■ Low tension</li> <li>■ Natural protection against algae and fungi</li> </ul>
Material Base / Vehicle	White lime, mineral pigments and fillers, minor organic additives to improve weather resistance and application (including linseed oil).
Packaging/Package Size	Bucket 12,5 l
Colours	<p>White Factory tinting in many colour shades on request</p> <p>Self-tinting with lime-resistant tinting colours and dry pigments is possible. Pigment compatibility must be tested using a sample.</p> <p>Due to the use of natural fillers and granules, slight colour variations are possible. Therefore, only use material from the same batch on contiguous surfaces or mix material from different batches beforehand.</p> <p>Before application, the material must be checked for colour accuracy and condition. Complaints regarding deviations from the delivery target can no longer be recognised after application. Reference is made to the VDPM's "Leitfaden zu Prüfpflichten bei Anlieferung von Tönware im Rahmen der Untersuchungs- und Rügepflicht (§ 377 HGB)".</p> <p><b>Colour stability according to BFS data sheet no. 26:</b> Class: C Group: 1</p>
Gloss Level	Class G3 (matt) according to DIN EN 1062-1
Storage	<p>Cool, frost-free</p> <p>Product-specific thickening behaviour of the product can be homogenised again using an agitator.</p>



## Technical Data

- Maximum particle (grit) size: Class S<sub>1</sub> according to DIN EN 1062-1  
S < 100 µm according to EN ISO 1524
- Density: ρ: approx. 1.5 g/cm<sup>3</sup>
- Dry film thickness: Class E<sub>3</sub> according to DIN EN 1062-1  
E = 100-200 µm
- Diffusion-equivalent air layer thickness s<sub>d</sub>H<sub>2</sub>O: Class V<sub>1</sub> (high) according to DIN EN 1062-1  
sd < 0.14 m according to EN ISO 7783-2
- Water permeability (w-value): Class W<sub>1</sub> (high) according to DIN EN 1062-1  
W > 0.5 kg/(m<sup>2</sup>h<sup>1/2</sup>) according to EN 1062-3

## Note

The fixed values stated represent average values that may vary slightly from delivery to delivery due to the use of natural raw materials.

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

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
-	-	-	+	+
(-) not suitable / (○) conditionally suitable / (+) suitable				

## Application

### Suitable Substrates

The substrate must be solid, load-bearing, free from soiling, separating substances, dry, absorbent and frost-free.  
Observe VOB, Part C, DIN 18363, Para. 3.

### Substrate Preparation

Mask window sills and add-on parts.  
Carefully cover glass, ceramic, clinker, natural stone, painted, glazed and anodised surfaces.

#### Old unpainted renders and old mineral coatings:

Clean the surface well. Remove any layers of low strength.

#### New renders according to DIN EN 998-1 Class CS I - CS IV:

Before coating, a standing time of at least 7 days at 20 °C and 65% relative humidity must be observed.

Treat plaster repairs / sintered skin with *Histolith® Fluat*.

Alternatively, *Histolith® FassadenKalk* can also be applied freshly approx. 24 hours after the render application. Colour deviations and staining may occur with tinted coatings during fresco application. Furthermore, render shrinkage cracks may occur.

#### Differently absorbent mineral substrates:

Clean the surface well. Remove layers of low strength. Prime with *Histolith® Sol-Silikat-Fixativ*, diluted 2:1 to 1:1 in water depending on the absorbency of the substrate. On heavily repaired, slightly cracked substrates (shrinkage cracks), apply an intermediate coat of *Histolith® Kalkschlämme*.

#### Natural stones:

Only absorbent natural stone is suitable as a substrate. If possible, create a test surface and check the compatibility of the coating. Clean the surface thoroughly. Remove layers of low strength. Please note: In the case of natural stone with water-soluble ingredients, these can bloom on the painted surface and cause stains.

#### Fungal or algae-infested surfaces:

Wet clean surfaces with fungal or algae infestation. After drying, treat the surfaces with *Capatox* and leave to dry.

### Preparation of Material

Stir the contents of the container thoroughly with a slow-running agitator.  
Adjust to working consistency with clean water.

### Method of Application

Apply with the brush in short strokes.

For machine application, please refer to the Caparol "Handbuch der Spritztechnologie".

Finish contiguous surfaces without interruption to avoid lapping in the textured layer. Divide large facades into clauses, apply continuously wet-on-wet and texture.

### Surface Coating System

After pre-treatment of the substrate, apply a primer coat and a top coat, diluted with water up to a maximum of 15 %, depending on the absorbency of the substrate.

Alternatively, apply a primer coat with *Histolith® Kalkschlämme* and a top coat with *Histolith® FassadenKalk* or, in interior areas, *Histolith® Innenkalk*.

At high temperatures or in strong winds, it is recommended to moisten the already applied base coat with clean water immediately before applying the top coat and then apply the top coat to the matt damp substrate.

# TECHNICAL INFORMATION NO. 1014

Consumption	<p>Post-treatment: Moisten the top coat evenly 24 hours after application with clean water using a suitable sprayer (e.g. Gloria garden sprayer). No water droplets should form.</p> <p>■ approx. 150-200 ml/m<sup>2</sup> per coat on a smooth substrate</p> <p>These consumption figures are approximate values. Deviations depending on the property or processing must be taken into account.</p>
Application Conditions	<p>The ambient and substrate temperatures must not be below +8 °C or above +30 °C during the application and curing phase. Do not apply in direct sunlight, strong wind, fog or high humidity. Please refer to the leaflet "Rendering, thermal insulation, levelling, coating at high and low temperatures" from the German Federal Association for Finishing and Facades.</p> <p>In unfavourable weather conditions, suitable measures must be taken to protect the facade surfaces being worked on.</p>
Drying/Drying Time	<p>The waiting time for reworking depends on temperature, humidity, air movement, sunlight and application thickness. The information is therefore intended as a guide.</p> <p>■ Surface dry at 20 °C and 65 % relative humidity after approx. 24 h ■ Can be painted over after approx. 24 h ■ rainproof after approx. 3 days</p>
Tool Cleaning	<p>Rinse with water immediately after use, observing the legal requirements.</p>
Note	<p>Depending on the condition of the substrate and weather-related influences, colour deviations and staining may occur. It is advisable to apply a test coating, also to check the substrate compatibility. For application in summer temperatures, the scaffold should be provided with a moisture curtain (jute curtain) to be watered.</p>

## Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)	<p>Verursacht schwere Verätzungen der Haut und schwere Augenschäden. Kann die Atemwege reizen. Dampf/Aerosol nicht einatmen. Nicht in die Augen, auf die Haut oder auf die Kleidung gelangen lassen. Schutzhandschuhe/ Schutzkleidung/ Augenschutz/ Gesichtsschutz tragen. BEI BERÜHRUNG MIT DER HAUT (oder dem Haar): Alle kontaminierten Kleidungsstücke sofort ausziehen. Haut mit Wasser abwaschen. BEI EINATMEN: Die Person an die frische Luft bringen und für ungehinderte Atmung sorgen. Sofort GIFTINFORMATIONSZENTRUM/ Arzt anrufen. BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen. Sofort GIFTINFORMATIONSZENTRUM/ Arzt anrufen. <b>Enthält:</b> Calciumdihydroxid. Achtung! Beim Sprühen können gefährliche lungengängige Tröpfchen entstehen. Aerosol oder Nebel nicht einatmen.</p>
Disposal	<p>Flüssige Materialreste bei der Sammelstelle für Altfarben/Altlacke abgeben, eingetrocknete Materialreste als Bau- und Abbruchabfälle oder als Siedlungsabfälle bzw. Hausmüll entsorgen.</p>
EU limit value for the VOC content	<p>dieses Produktes (Kat. A/c): 40 g/l. Dieses Produkt enthält &lt; 1 g/l VOC.</p>
Substances of Content - Declaration	<p>Calciumhydroxid, Polyacrylatharz, Leinöl, Calciumcarbonat, Titandioxid, Silikate, mineralische Pigmente / Füllstoffe, Wasser, Additive.</p>
Further Details	<p>Siehe Sicherheitsdatenblatt.</p>
Customer Service Centre	<p>Tel.: +49 6154 71-71710 Fax: +49 6154 71-71711 e-mail: kundenservicecenter@caparol.de</p> <p>International Distribution: Please see <a href="http://www.caparol.com">www.caparol.com</a></p>

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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.1014 · Histolith® FassadenKalk · Issued: April 2024