

Histolith® Kalkschlämme

The filling lime paint with marble grain

Product Description

Field of Application	Lime slurry for filling shrinkage cracks and levelling the surface of mineral substrates. Particularly suitable for coating lime-rich renders and for renovating absorbent, old mineral coatings.
Material Properties	<ul style="list-style-type: none"> ■ Structural levelling ■ Fills shrinkage cracks ■ Particularly weather resistant ■ Lightfast pigmentation ■ High water vapour permeability ■ Not hydrophobic
Material Base / Vehicle	White lime, mineral pigments and fillers, minor organic additives to improve weather resistance and application.
Packaging/Package Size	Bucket 25 kg
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>Colour Resistance according to BFS Data Sheet No. 26: Category: C Group: 1</p>
Gloss Level	Class G3 (matt) according to DIN EN 1062-1
Storage	Cool, frost-free Product-specific thickening behaviour of the product can be homogenised again using an agitator.
Technical Data	<ul style="list-style-type: none"> ■ Density: ρ: approx. 1.7 g/cm³



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	<p>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.</p>
Substrate Preparation	<p>Mask window sills and add-on parts. Carefully cover glass, ceramic, clinker, natural stone, painted, glazed and anodised surfaces.</p> <p>Old unpainted renders and old mineral coatings: Clean the surface well. Remove any layers of low strength.</p> <p>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 <i>Histolith® Fluat</i>. Alternatively, <i>Histolith® FassadenKalk</i> 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.</p> <p>Differently absorbent mineral substrates: Clean the surface well. Remove layers of low strength. Prime with <i>Histolith® Sol-Silikat-Fixativ</i>, 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 <i>Histolith® Kalkschlämme</i>.</p> <p>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.</p> <p>Fungal or algae-infested surfaces: Wet clean surfaces with fungal or algae infestation. After drying, treat the surfaces with <i>Capatox</i> and leave to dry.</p>
Preparation of Material	<p>Stir the contents of the container thoroughly with a slow-running agitator. Adjust to working consistency with clean water.</p>
Method of Application	<p>Apply with a brush in short strokes wet on wet.</p>
Surface Coating System	<p>After pre-treatment of the substrate, apply a <u>primer coat and a top coat</u>, diluted with water up to a maximum of 10 %, depending on the absorbency of the substrate.</p> <p>Alternatively, apply a primer coat with <i>Histolith® Kalkschlämme</i> and a top coat with <i>Histolith® FassadenKalk</i> or, in interior areas, <i>Histolith® Innenkalk</i>.</p> <p>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.</p> <p>Post-treatment: Moisten the top coat evenly 24 hours after application with clean water using a suitable sprayer (e.g. <i>Gloria-Gartenspritze</i>). No water droplets should form.</p>
Consumption	<p>■ approx. 350-500 g/m² per coat on a smooth substrate</p> <p>These consumption figures are approximate values. Deviations depending on the object or processing conditions must be taken into account.</p>
Application Conditions	<p>During the application and curing phase, the ambient and substrate temperatures must not be below +8 °C and above +30 °C. Do not apply under direct sunlight, strong wind, fog or high humidity. 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 the Bundesverband Ausbau und Fassade.</p> <p>In unfavourable weather conditions, suitable measures must be taken to protect the facade surfaces.</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. 4-6 hours ■ 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>

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Note Depending on the condition of the substrate and weather-related influences, colour deviations and staining may occur.
It is recommended to apply a test coating, also to check the substrate compatibility.
For application in summer temperatures, the scaffold must be fitted with a moisture curtain (jute curtain) that can be watered.

Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)

Causes skin irritation. Causes serious eye damage. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read carefully and follow all instructions. Wash skin thoroughly after handling. Wear protective gloves/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. Contains: calcium dihydroxide. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Disposal

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local, regional, national and international authorities. Only completely emptied containers should be given for recycling.

EU limit value for the VOC content

VOC content in accordance with Directive 2004/42/EC:
This product contains max. 1 g/l

Giscode

BSW30

Substances of Content - Declaration

Calcium hydroxide, polyacrylic resin, linseed oil, calcium carbonate, silicates, titanium dioxide, water, additives.

Further Details

See Material Safety Data Sheet (MSDS).

Customer Service Centre

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