

Histolith[®] Trass-Kalkputz

Hydraulic lime render for exterior and interior use

Product Description

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| Field of Application | Coarse-grained Suevit-Trass lime plaster for filling and levelling unevenness in the substrate. Suitable as a base coat / finishing render for exterior and interior masonry. |
| Material Properties | <ul style="list-style-type: none"> ■ High water vapour permeability ■ Weather resistant ■ Frost resistant ■ Can be processed by hand and machine ■ Easily felftable ■ Non-combustible |
| Material Base / Vehicle | Natural hydraulic lime, trass and mineral aggregates according to DIN EN 13139 |
| Packaging/Package Size | Bag 30 kg |
| Colours | Light brown (tan) |
| Storage | Dry, protected from moisture, in original sealed packaging. Application within 12 months. |
| Technical Data | <p>Normal plaster mortar (GP) according to DIN EN 998-1 Reaction to fire: Class A1 according to DIN EN 13501-1 (non-combustible)</p> <ul style="list-style-type: none"> ■ Heat conductivity: $\lambda_{10 \text{ dry, mat}} \leq 0.61 \text{ W/(mK)}$ for P=50% according to DIN EN 1745 ■ Water vapour permeability: $\mu \leq 20$ according to DIN EN 1015-19 ■ Compressive strength: Category CS I according to DIN EN 998-1 0,4 N/mm² - 2,5 N/mm² according to DIN EN 1015-11 ■ Adesive tensile strength: $\geq 0,30 \text{ N/mm}$ according to DIN EN 1015-12 break pattern B ■ Capillary water absorption: Category WC1 according to DIN EN 998-1 C $\leq 0.40 \text{ kg/(m}^2\text{-min}^{0.5})$ according to DIN EN 1015-18 ■ Maximum particle (grit) size: approx. 4 mm ■ Density: ρ: approx. 1.64 g/cm³ according to DIN EN 1015-10 |



TECHNICAL INFORMATION NO. 1046

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

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| Suitable Substrates | Suitable for old and new masonry. |
| Preparatory work | Mask window sills and add-on parts. Carefully cover glass, ceramic, clinker, natural stone, painted, glazed and anodised surfaces. |
| Substrate Preparation | The substrate must be firm, load-bearing, frost-free and free of adhesion-reducing substances. Base coats must be well set and roughened. Clean the substrate thoroughly. Pre-wet absorbent substrates (matt damp). Apply a half-covering coat of <i>Histolith® Trass-Vorspritzputz</i> and allow to harden until lightly dry. VOB Part C, DIN 18350 must be observed. |
| Preparation of Material | ■ 30 kg of material (one bag) in approx. 6.5 litres of water. The material can be mixed with a powerful, slow-running agitator or compulsory mixer with mixer and with clean, cold water to form a lump-free mass. Work through again after approx. 3-5 minutes. If necessary, adjust the consistency with a little water after this maturing time. Depending on the weather, the working time is approx. 2 hours (pot life). Do not use water to make material that has already hardened workable again. |
| Method of Application | Apply the material to the prepared substrate to a thickness of 15-20 mm, roughen the surface after application. After sufficient drying time, a second layer of render can be applied using the same material. If a felted surface is to be created, <i>Histolith® Feinputz</i> or <i>Histolith® Renovierspachtel</i> can be applied and felted after sufficient drying time. |
| Layer Thickness | Outside: 15-20 mm Inside: 10-15 mm Two-layer application: up to 40 mm |
| Surface Coating System | On exterior surfaces a finishing coat with highly water vapour permeable paint is essential. Therefore <i>Histolith® Dispersionssilikatfarben</i> (emulsion silicate paints) and <i>Histolith® Kalkfarben</i> (lime paints) are recommended. |
| Consumption | ■ approx. 1.4 kg/m ² per mm layer thickness These consumption figures are approximate values. Deviations depending on the property or processing must be taken into account. |
| Application Conditions | During the application and curing phase, the ambient and substrate temperatures must not be substrate temperatures must not be below +5 °C and above +30 °C. Do not apply under direct 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. In unfavourable weather conditions, suitable measures must be taken to protect the facade surfaces. |
| Drying/Drying Time | The waiting time for reworking depends on temperature, humidity, air movement, sunlight and application thickness. The information is therefore intended as a guide. <u>Waiting time:</u> ■ Standard value 1 day per mm layer thickness During the drying period, the treated surfaces must be protected from drying out quickly. |
| Tool Cleaning | Rinse with water immediately after use, observing the legal requirements. |

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. Do not breathe dusts or mists. Wash skin thoroughly after handling. Wear protective gloves/ eye 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.

Disposal

Can be landfilled after concentration, when in compliance with local regulations.

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Further Details See Material Safety Data Sheet (MSDS).

Other Notes According to Directive 2003/53/EC amending Council Directive 76/769/EEC the EU limit value of soluble chromium VI (< 0,0002 % soluble chromium VI of the total dry weight of the cement) can not be guaranteed to be kept below, after 12 months of storage.

Customer Service Centre Tel.: +49 6154 71-71710
Fax: +49 6154 71-71711
e-mail: kundenservicecenter@caparol.de

International Distribution: Please see www.caparol.com

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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.1046 · Histolith® Trass-Kalkputz · Issued: February 2024

CAPAROL Farben Lacke Bautenschutz GmbH · Roßdörfer Straße 50 · D-64372 Ober-Ramstadt · Internet www.caparol.com · E-Mail info@caparol.de