

# Histolith® Kalkspachtel brillant

Noble white mineral filler/surfacers for interior use.



## Product Description

Field of Application

Surfacer for smoothing interior wall surfaces. For versatile use in the field of renovation (old buildings and built heritage conservation). Also highly suitable in the field of ecological housing (ecohouses), due to favourable structural-physical and biological characteristics.

Material Properties

- Nobel white, dull matt lime surface.
- Highly water vapour permeable,  $s_d$ -value = 0.01 m for 1 mm of layer thickness.
- Sorption-capable, provides a pleasant room climate.
- Highly alkaline, pH-value = 13 (for thoroughly mixed product).
- Reaction to fire: Non-combustible, Class A2-s1,d0 as per DIN EN 13501-1.
- Prevents fungal (fungi/mildew/mould) growth due to natural alkalinity.
- No preservatives.
- Solvent-free.
- Suited for allergy sufferers.
- Easy/elegant to apply and to smoothen.
- Can be textured.

Material Base / Vehicle

Mineral binder and high-quality mineral fillers (carefully selected).

Packaging/Package Size

20 kg bag

Colours

White.

Tintable with Histolith® Volltonfarben SI (colourants) and with lime-resistant colourants and dry pigments. Check for compatibility by trials.

Storage

Dry, min. 9 months from date of manufacture; low chromate content: 9 months.

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

Suitable as smoothing filler/surfacers for mineral plasters and for Histolith® Trass-Sanierputz. Furthermore applicable on concrete, concrete blocks, AAC/cellular concrete, gypsum plasterboards (sandwich-type plaster boards), wallboards, synthetic (organic) plasters and stable existing coatings.



# TECHNICAL INFORMATION NO. 1055

Substrate Preparation	<p>The substrate must be solid, sound/stable, dry, clean and free from all substances that may prevent good adhesion. Rendering must be fully hardened/cured and the surface has to be roughened. Clean the substrate very thoroughly.</p> <p>Prime and strengthen the surface of sanding plasters with Histolith® Silikat-Fixativ.</p> <p>Precoat all gypsum plasters, plasterboards/wallboards/sheets of drywall and stable existing coatings with Histolith® Strukturgrund.</p>
Preparation of Material	<p>Agitate the product with a paddle mixer to working consistency, free of lumps (gradually adding tap/potable water).</p> <p>Water demand: approx. 8.5 to 9.0 l per bag</p> <p>Workability: approx. 120 minutes</p>
Method of Application	<p>Apply mixed material evenly and without lapping, then smoothen the surface avoiding burrs. Allow the surface to set (harden), then pre-wet the substrate and apply a second, thin-layered coat. After a short waiting time smoothen the surface using a Venetian trowel. Alternatively: Felt in wet condition or allow to dry and sand the surface.</p> <p>Embedding of reinforcement fabric: Apply mixed product using a notched trowel (notching: 6x6 mm). Apply Capatect IDS Armierungsgewebe with an overlap of 10 cm and firmly press on. Directly thereafter apply a coat of mixed product, wet-on-wet, in order to ensure proper/full embedding of reinforcement fabric.</p> <p>Allow the surface to set (harden), then pre-wet the substrate and apply a second, thin-layered coat. After a short waiting time smoothen the surface using a Venetian trowel or felt in wet condition or allow to dry and sand the surface.</p> <p>Layer/coating thickness: 0.5 - 10 mm</p>
Surface Coating System	<p>Histolith® Kalkspachtel brillant is recoatable with Histolith® whitewash/lime paints and Histolith® silicate paints. A previously applied priming coat is advisable, using Histolith® Silikat-Fixativ, diluted 2:1 with tap (potable) water.</p>
Consumption	<p>Approx. 1.2 kg/m<sup>2</sup> for 1 mm of layer/coating thickness.</p> <p>Determine the exact amount of material required by coating a test area on site.</p>
Application Conditions	<p><b>Lower Temperature Limit for Application and Hardening:</b> + 5 °C for mixed product, substrate and ambient air.</p>
Drying/Drying Time	<p>Allow to dry (set) for min. 3 days before applying the following coat.</p>
Tool Cleaning	<p>Immediately after use with water.</p>
Note	<p>Do not apply on surfaces with extremely high moisture stress, caused by e.g. direct water loads or splashing water.</p> <p>Minor colour variations may occur due to the use of natural fillers. Always use material of same batch on seamless surfaces, if they remain untreated (without any coat of paint).</p> <p>Fine blistering may occur on slightly absorbent substrates. Air cells/bubbles are removable (after a short flash off time) by repeated smoothing.</p>

## Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)	<p><b>Restricted to professional users.</b></p> <p>Causes serious eye damage. Causes skin irritation. Do not breathe dust. Wear 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 or doctor/ physician. Contains cement.</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 authority. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures.</p> <p>In Germany: Bags must be completely empty for recycling. Dispose hardened residues as mixed construction site and demolition waste.</p>
Giscode	<p>ZP1 (Germany)</p>
Further Details	<p>See Material Safety Data Sheet (MSDS).</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>

### Technical Information No. 1055 - Issue: July 2016

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.1055 - Histolith® Kalkspachtel brillant - Issued: February 2022