

Histolith® Renovierspachtel

Fine mineral mortar for renovation and render/plaster repairs.
Suitable for exterior and interior use.



Product Description

- Field of Application Histolith® Silikat-Renovierspachtel is suitable for repairing damaged render/plaster surfaces and for flat surfacing. Also with mesh/reinforcing fabrics inlay for restoring cracked plaster surfaces.
- Material Properties
 - Mineral-based, mortar group PII (lime-cement mortar).
 - High water vapour permeability.
 - Non-swelling.
 - After brief setting the surface (that has already started to harden) can be felted with a moistened felt or sponge float.
 - Fine-grained, grain size max. 0.6 mm
 - Vapour diffusion resistance factor μ (H₂O): $\mu < 12$
 - Suitable for manual and machine application.

- Material Base / Vehicle Mineral binders according to DIN EN 459-1, DIN EN 197-1 and mineral additives according to DIN EN 13139.
- Packaging/Package Size 25 kg bag
- Colours Natural white
- Storage At least/minimum 6 months, when stored in dry conditions; see the paragraph headed "Further Details".

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 **Sound/Stable Renders/Plasters in Mortar Groups/Classes PII (Lime-Cement Mortars) and PIII (Cement Mortars):**
Carefully clean the surface and remove all layers of low adherence.
Prime sanding surfaces with Histolith® Silikat-Fixativ, diluted 2:1 to 1:1 with tap (potable) water, depending on substrate absorbency.



	<p>Cracked Render/Plaster Surfaces: Only surfaces with stabilised cracks are suitable. Surfaces with active, moving cracks are not suitable. Chip off hollow areas (local separations), if necessary. Fill damaged areas with Histolith® Renovierspachtel; use Histolith® Trass-Porengrundputz for deeper spallings (>20 mm).</p> <p>Stable Existing Paint Coatings: Carefully clean the surface. Apply one priming coat of Histolith® Quarzgrund.</p>
Preparation of Material	<p>Histolith® Renovierspachtel is applicable by hand or with all common types of plastering machines. For manual preparation add tap (potable) water, in quantity required per 25 kg bag, into the mixing pond. Stir the material thoroughly with a suitable low-speed electric paddle mixer, until the mixture is free of lumps. Leave to stand for approx. 5 minutes, then stir again. If necessary, adjust to working consistency with a small amount of tap water. Water demand per 25 kg bag: Approx. 5 - 6 litres. Processing time: Approx. 90 minutes at 20 °C and 65 % RH.</p>
Method of Application	<p>Apply with stainless steel trowel or with suitable plastering machine. After levelling and brief setting, smooth (felt-sponge) the surface that has already started to harden with sponge float or use stainless steel smoothing trowel. Max. layer thickness per coat: 10 mm for full surface application; 20 mm for individual repair patches.</p> <p>Embedding Reinforcing Fabrics: Draw out Histolith® Renovierspachtel to about 4 mm thickness. Embed Capatect-Gewebe 650 (Fabrics) overlapped by 10 cm and press down firmly. Then cover the full surface to a layer thickness of approx. 2 mm and smooth down, avoiding the forming of burrs. If a felt-sponged surface for painting is needed, after 24 hours draw out a second layer about 3 mm thick and, after brief setting, treat evenly with felt tool (sponge float).</p>
Surface Coating System	<p>Histolith® Renovierspachtel can be coated with all Histolith® facade paints. Treat the mortar surface previously with Histolith® Fluat and rinse with clean water.</p>
Consumption	<p>Approx. 1300 - 1500 g/m² per mm of layer thickness (dry product) depending on substrate roughness. Determine the exact amount of material required by coating a test area on site.</p>
Application Conditions	<p>Lower Temperature Limit for Application and Drying: +5 °C for product, substrate and ambient air.</p>
Drying/Drying Time	<p>Overpaintability: At 20 °C and 65 % relative humidity after 7 days.</p>
Tool Cleaning	<p>Clean tools/equipment immediately after use with water.</p>
Note	<p>Protective Measures: The areas adjoining the surface to be coated should be carefully masked, in particular glass, ceramics, enamel/varnish coatings, clinkers, natural stone, metals and wood.</p>

Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)	<p>Restricted to professional users. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention. Do NOT induce vomiting.</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. In Germany: Only completely empty bags should be handed in for recycling. Dispose hardened residues as mixed working site and demolition waste.</p>
Giscode	<p>ZP 1 (Germany)</p>
Further Details	<p>See Material Safety Data Sheet (MSDS).</p> <p>According to DIRECTIVE 2003/53/EC-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 6 months of storage.</p>
Technical Assistance	<p>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.</p>
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.com</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.1029 · Histolith® Renovierspachtel · Issued: September 2015

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