

# 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.
Product Properties	<ul style="list-style-type: none"> <li>■ Mineral-based, mortar group PII (lime-cement mortar)</li> <li>■ High water vapour permeability</li> <li>■ Non-swelling</li> <li>■ After brief setting the surface (that has already started to harden) can be felted with a moistened felt or sponge float</li> <li>■ Fine-grained, grain size max. 0.5 mm</li> <li>■ Vapour diffusion resistance factor <math>\mu</math> (H<sub>2</sub>O): <math>\mu &lt; 12</math></li> <li>■ Suitable for manual and machine application</li> </ul>
Product 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".

## Application

Suitable Substrates	The substrate must be sound/stable, dry, clean, and free from all materials that may prevent good adhesion. In Germany: Follow VOB, part C, DIN 18363, paragraph 3.
Substrate Preparation	<p><b>Sound/Stable Renders/Plasters in Mortar Groups/Classes PII (Lime-Cement Mortars) and PIII (Cement Mortars):</b> Clean the surface thoroughly and remove all layers of low adherence. Prime surfaces of sanding renders/plasters with Histolith® Silikat-Fixativ, thinned in the ratio of 2:1 to 1:1 with tap water, depending on substrate absorbency.</p> <p><b>Cracked Render/Plaster Surfaces:</b> Only surfaces with stabilised cracks are suitable. Render/plaster 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 (&gt;20 mm).</p> <p><b>Sound Existing Coatings:</b> Carefully clean the surface. Apply one priming coat of Putzgrund 610.</p>



Preparation of Material	<p>Histolith® Renovierspachtel is applicable with all common types of flow mixers, spiral pumps and plaster machines.</p> <p>For manual preparation add tap, cold water, in quantity required per 25 kg bag, into the mortar bucket. Stir the material thoroughly with a suitable low-speed electric agitator 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 (potable) water.</p> <p>Water demand per 25 kg bag: approx. 5 - 6 litres Working time: approx. 90 minutes at 20 °C and 65 % RH.</p>
Method of Application	<p>Apply with stainless steel trowel or with suitable plaster machine.</p> <p>After levelling and brief setting, smooth (felt-sponge) the surface that has already started to harden with sponge float or with stainless steel finishing trowel.</p> <p>Max. layer thickness per coat: 10 mm for flat 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.</p> <p>Then cover the full surface to a layer thickness of approx. 2 mm and smooth down avoiding the forming of burrs.</p> <p>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, sponge evenly with felt tool (sponge float).</p>
Surface Coating System	<p>Histolith® Renovierspachtel can be coated with all Histolith® façade paints.</p> <p>First treat the surface with Histolith® Fluat and rinse thoroughly with clean water.</p>
Consumption	<p>Approx. 1300-1500 g/m<sup>2</sup>/mm layer thickness (dry product) depending on substrate roughness.</p> <p>The exact rate of consumption is best established by a trial coating on site.</p>
Application Conditions	<p><b>Lower Temperature Limit for Application and Drying:</b> +5 °C for product, substrate and ambient air.</p>
Drying/Drying Time	<p>At 20 °C and 65 % relative humidity coatable after 7 days.</p>
Tool Cleaning	<p>Clean tools immediately after use with water.</p>
Note	<p><b>Protective Measures:</b> 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>Alkaline. Irritating to skin. Risk of serious damage to eyes.</p> <p>Keep out of the reach of children. Avoid contact with eyes and skin.</p> <p>In case of contact with eyes rinse immediately with plenty of water and seek medical advice.</p> <p>Wear suitable gloves and eye/face protection.</p> <p>If swallowed, seek medical advice immediately and show the packaging or label.</p> <p>Do not breathe dust.</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.</p> <p>Particular attention should be made to removing wastage from site in compliance with standard construction site procedures.</p> <p>In Germany: Only completely emptied bags should be given for recycling. Dispose hardened residues as mixed working site and demolition waste.</p>
Giscode	<p>ZP 1</p>
Further Details	<p>See Safety Data Sheet (MSDS).</p> <p>According to <b>DIRECTIVE 2003/53/EC-Council Directive 76/769/EEC</b> the EU limit value of soluble chromium VI (&lt; 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 <a href="http://www.caparol.com">www.caparol.com</a></p>

## Technical Information No. 1029 · Issue: August 2011

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: June 2010

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