

Histolith® Trass-Vorspritzputz

Hydraulic spray render mortar for exterior and interior use

Product Description

Field of Application	<p>Suitable as a bonding bridge on masonry in the <i>Histolith® Trass-Sanierputzsystem</i>s in exterior and interior areas. Partial component of the <i>Histolith® Trass-Sanierputzsystem</i>s.</p> <p>The structure and layer thickness of the <i>Histolith® Trass-Sanierputzsystem</i> depend on the salt load present in the masonry in accordance with WTA data sheet 2-9-20/D. The <i>Histolith® Trass-Sanierputzsystem</i> is suitable for plastering damp and salt-contaminated masonry. Due to the large pore volume, building-damaging salts are trapped. In this way, an efflorescence-free and dry surface can be achieved on damp masonry if the surrounding climate allows it to dry out.</p>
Material Properties	<ul style="list-style-type: none"> ■ High adhesion to the substrate ■ Semi-covering ■ Frost resistant ■ Can be applied by hand and machine ■ Indoor and outdoor use ■ Hydraulic setting
Material Base / Vehicle	Cement with low organic additives
Packaging/Package Size	Bag 30 kg
Colours	Grey
Storage	Dry, protected from moisture, in original sealed packaging. Application within 9 months.
Technical Data	<p>Normal render mortar (GP) according to DIN EN 998-1 Fulfils the requirements of WTA data sheet 2-9-20/D</p> <ul style="list-style-type: none"> ■ Maximum particle (grit) size: ca. 3 mm ■ Heat conductivity: $\lambda_{10 \text{ dry, mat}} \leq 1,00 \text{ W/(mK)}$ für P=50 % according to DIN EN 1745 ■ Compressive strength: Category CS IV according to DIN EN 998-1 $\geq 6 \text{ N/mm}^2$ according to DIN EN 1015-11 ■ Raw density: ρ: ca. 1,8 g/cm³ ■ Adesive tensile strength: $\geq 0,5 \text{ N/mm}^2$ according to DIN EN 1015-12 break pattern B ■ Fire behaviour: Class A1 according to DIN EN 13501-1 (non-combustible)
Supplementary Product	<p><i>Histolith® Trass-Porengrundputz</i> <i>Histolith® Trass-Sanierputz</i> <i>Histolith® Feinputz</i></p>



Note The fixed values stated represent average values that may vary slightly from delivery to delivery due to the use of natural raw materials.

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 Damp and salt-contaminated masonry on interior and exterior surfaces.

Application limits:

The *Histolith® Trass-Sanierputzsystem* is not suitable for waterproofing building components in contact with the ground against pressurised water, backwater and ground moisture. In these cases, suitable sealing measures must be carried out beforehand. This also applies to very high levels of masonry moisture penetration due to rising damp. There must be no direct contact with soil or cladding in the plinth area.

The *Histolith® Trass-Sanierputzsystem* cannot prevent damage caused by frequent falls below the dew point.

Preparatory work Mask window sills and add-on parts.
Carefully cover glass, ceramic, clinker, natural stone, painted, glazed and anodised surfaces.

Substrate Preparation Remove damaged render at least 80 cm above the recognisable edge of the damage. Any old render containing salt must be removed immediately. Remove crumbly parts, dirt, dust, old bitumen coatings and other substances with a separating effect.

Expose damaged masonry joints to a depth of at least 20 mm.
Thoroughly clean the masonry mechanically. The substrate must be load-bearing.
Pre-wet highly absorbent masonry (matt damp).

VOB Part C, DIN 18350 must be observed.

Preparation of Material 30 kg of material (one bag) in approx. 7 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 with a trowel in a half-covering, wart-shaped pattern in approx. 1 - 2 grain thicknesses. The joints must not be completely filled with spray filler.

Layer Thickness 2-5 mm

Surface Coating System

- low salt load: *Histolith® Trass-Vorspritzputz* + *Histolith® Trass-Sanierputz* single layer
- medium salt load: *Histolith® Trass-Vorspritzputz* + *Histolith® Trass-Sanierputz* multi-layered
- high salt load: *Histolith® Trass-Vorspritzputz* + *Histolith® Trass-Porengrundputz* + *Histolith® Trass-Sanierputz*

Histolith® Feinputz can also be applied to the system structures. With a total render thickness of more than 30 mm, *Histolith® Trass-PorenGrundputz* must always be used as a base render to level the masonry.

A coating is required for exterior areas. Coating only with highly Water vapour permeable paints, *Histolith® Dispersionssilikatfarben* and *Histolith® Kalkfarben* are recommended. Additional pretreatment with *Histolith® Fluat* reduces the risk of lime efflorescence.

Consumption ■ approx. 5,0 kg/m²

These consumption figures are approximate values.
Deviations depending on the property or processing must be taken into account.

Weather conditions During The application and in the drying phase, the ambient and substrate temperatures must not be below +5 °C and above +30 °C.
Do not apply in direct sunlight, strong wind, fog or high humidity. In this context, we refer to the leaflet "Verputzen, Wärmedämmen, Spachteln, Beschichten bei hohen und tiefen Temperaturen" (Rendering, Thermal Insulation, Filling, Coating at High and Low Temperatures) from the "Bundesverband Ausbau und Fassade" (Federal Association for Finishing and Facades).

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.

The following waiting times must be observed before applying the next layer:

- *Histolith® Trass-Vorspritzputz*: at least 1 day until light drying
- *Histolith® Trass-Porengrundputz*: Standard value 1 day per mm layer thickness
- *Histolith® Trass-Sanierputz*: single layer: 3-7 days, double layer: first layer 1-4 days, second layer 3-7 days
- Top coat on *Histolith® Trass-Sanierputz*: day per mm layer thickness as a guide (especially for layer thicknesses over 20 mm)
- *Histolith® Feinputz*: can be painted over after 7 days

Protect the treated surfaces from drying out quickly during the drying period.
If necessary, keep surfaces moist by wetting them carefully.

Tool Cleaning

Rinse with water immediately after use in accordance with legal requirements.

Advice

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

Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Do not breathe dusts or mists. Use only outdoors or in a well-ventilated area. 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. Store locked up. Contains: Cement, portland, chemicals, Flue dust, portland cement. Aqueous cement suspensions have an alkaline effect.

Disposal

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

Giscode

ZP1

Product Code Paints and Enamels

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

Substances of Content - Declaration

Cement, polyvinylacetate resin, calcium carbonate, mineral pigments / fillers, silicates, inorganic colored pigments, additives.

Further Details

see material safety data sheet

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