

Matador® Feinputz

Air moisture regulating, silicate-based interior fine plaster.



Product Description

Field of Application	Ready-to-use fine plaster to obtain sorption-capable interior surfaces. The risk of fungal attack (fungi/mildew/mould) on the surface is minimised due to buffering of water molecules from inside air and the natural alkalinity of the coating. Furthermore, Matador® Feinputz promotes a constant and pleasant room climate. Suitable for use as filling surfacer (spackling compound) to obtain even walls and ceilings in sensitive areas, like preschools, lounges and living quarters. Particularly suitable (efficient) for use in rooms with occasionally higher air moisture/humidity and as fine plaster on capillary active interior thermal insulation composite systems, e.g. Capatect IDS Aktiv and Capatect IDS Mineral.
Material Properties	<ul style="list-style-type: none"> ■ Highly sorption- and diffusion-capable. ■ Ready-to-use. ■ Free from preservatives. ■ High filling capacity. ■ Easy to roughen (sand/grind). ■ Leads to a smooth surface. ■ Applicable on numerous substrates. ■ Emission-minimised, solvent-free.
Material Base / Vehicle	Potassium silicate with organic additives, according to German standard DIN 18363 section 2.4.1.
Packaging/Package Size	20 kg plastic bucket
Colours	Natural white
Gloss Level	Matt
Storage	Keep in a cool, but frost-free place.
Technical Data	<ul style="list-style-type: none"> ■ Density: 1.3 g/cm³
Supplementary Product	<p>Matador® Feinputz is unsuitable for finishing coat and therefore has always to be coated with a similar/ compatible paint.</p> <p>Suitable Products: Sylitol® Bio-Innenfarbe Sylitol® Natura Sylitol® LithoSil Sylitol® Minera Sylitol® Compact Histolith® Bio-Innensilikat Histolith® Raumquarz</p> <p>Sylitol® Minera can be used in combination with Histolith® Antik-Lasur to obtain translucent glazing techniques (scumbling coats).</p>



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 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

Plasters in Mortar Groups/Classes Plc (Hydraulic Lime Plasters), PII (Lime-Cement Mortars) and PIII (Cement Mortars) / Minimum Compressive Strength according to DIN EN 998-1: 1 N/mm²:

Solid plasters with normal absorbency require no pre-treatment. Prime highly porous, sanding or absorbent plasters with Sylitol® Konzentrat 111 (Concentrate), diluted 2:1 with tap (potable) water.

Gypsum Plasters and Ready-Mixed Gypsum Plasters in Mortar Group PIV / Minimum Compressive Strength according to DIN EN 13279 S2: 2 N/mm²:

Solid plasters with normal absorbency require no pre-treatment. Clean the surface of sanded and highly absorbent surfaces (remove sanding dust) and prime with Optigrund or CapaSol. Sand/grind sintered skin and remove sanding dust. Apply one priming coat of Caparol-Tiefgrund TB.

Gypsum Plasterboards (Sandwich-Type Plaster Boards / Drywalls):

Fill joints with suitable filler (Surface quality level Q2). Apply one priming coat of Putzgrund 610. Apply one priming coat of Caparol-Filtergrund grob (coarse) on boards containing water-soluble, discolouring substances that leave marks. Germany: Follow BFS Data Sheet No. 12.

Gypsum Wallboards:

Apply one priming coat of Putzgrund 610.

Concrete:

Remove all residues of releasing agent (formwork oil residues) and chalking or sanding substances. Prime smooth, dense/compact surfaces with Putzgrund 610.

Autoclaved Aerated Concrete (AAC) / Cellular Concrete:

Prime with a 1:3 mixture of Capaplex and tap (potable) water.

Facing Brickwork and Fair-Faced Sand-Lime Brick Masonry:

Coat without any pre-treatment.

Stable Coatings of Limewash Paint, Cement-Based or Silicate Paint:

Prime highly absorbent surfaces with Sylitol® Konzentrat 111 (Concentrate), diluted 2 : 1 with tap water.

Stable Existing Coatings of Emulsion Paint or Synthetic (Organic) Plaster:

Rework matt, slightly absorbent coatings without pre-treatment. Roughen/sand glossy surfaces of latex paint coatings, remove sanding dust and apply one priming coat of Putzgrund 610.

Unstable Existing Coatings:

Remove unsound coatings of enamel and emulsion/latex paint or synthetic (organic) plaster. Prime slightly absorbent, smooth surfaces with Putzgrund 610. Prime highly porous, sanding or absorbent surfaces with OptiGrund or CapaSol. Remove unstable coats of mineral paint by mechanical means and remove all sanding dust. Apply one priming coat of Caparol-Tiefgrund TB.

Glue-Bound Distemper (Limewater Colour/Paint):

Wash off the existing distemper very thoroughly, allow to dry and prime with Caparol-Tiefgrund TB.

Wallpapers:

Remove the wallpapers completely and wash off all residues of wallpaper paste/glue and waste paper. Prime the substrate with Caparol-Tiefgrund TB.

Mildewed/Mouldy Surfaces:

Remove fungal (fungi/mildew/mould) attack by wet cleaning, then use Capatop and allow to dry thoroughly. Prime according to the type and condition of the substrate. Follow legal/local and official regulations (e.g. Ordinance of Biocidal Agents and Ordinance on Hazardous Substances).

Surfaces Stained by Nicotine, Water, Soot or Fat/Grease:

Remove nicotine, soot or fat/grease stains by washing with tap water adding a fat-dissolving household detergent, then allow the surface to dry thoroughly. Clean dried-up water stains with a dry scrubbing brush. Apply one insulating prime coat of Caparol-Filtergrund grob (coarse).

Method of Application

Manual application or spray application with suitable plaster spraying equipment.

Manual/Trowel Application:

Stir up Matador® Feinputz very thoroughly, then apply with a stainless steel trowel and smoothen the surface without delay using stainless smoothing trowel or similar suitable finishing tool to achieve an even (planar) surface. Allow to cure and sand the surface, if necessary.

Spray Application:

Apply undiluted Matador® Feinputz liberally to the full surface, then smoothen with a broad smoothing tool (float) made of stainless steel. Allow to cure and sand the surface, if necessary. Provide for a minimum product temperature of +10 °C during application to obtain optimal processing properties.

Fleece Embedding:

For embedding AkkordVlies G45 SP apply Matador® Feinputz liberally and in sufficient quantity for 2 to 3 webs/lengths and treat the surface with a notched stainless steel trowel (4 x 6 x 4 mm). Then apply the fleece and press on evenly using stainless steel smoothing trowel, but do not press in border (seam/overlap) area for approx. 5 cm. Lay the following lengths with an overlap of approx. 5 cm and press on, except the seam area. Then complete a double-seam cut (perhaps by sliding cutter) and press on. Wipe off escaping filler with a soft, moistened cloth. Sand somewhat uneven seam areas slightly before further treatment.

Reworking:

Thoroughly cured product is directly recoatable with suitable paint products. On large surfaces the product should be applied wet-on-wet.

Approx. 1.3 kg/m² per mm of coating thickness.

Low Temperature Limit for Application and Drying: +8° C for substrate and ambient air.

Approx. 12 - 48 hours, depending on building moisture, temperature and thickness of coat.

Due to the absorbency of Matador® Feinputz roller marks may be visible when recoating large surfaces in adverse lighting conditions. The effect is minimised or avoidable when the product is speedily applied, wet-on-wet. Due to the use of Caparol-Tiefgrund TB in interiors, a typical solvent odour is released, hence proper ventilation must be provided during application and drying. Use low odour AmphiSilan-Putzfestiger in sensitive areas (free of aromatic hydrocarbons).

Fine blistering may occur on compact/dense substrates with low absorbency. These air pockets are removable after a short flash off time by repeated smoothing. The exact point in time is depending on temperature and relative humidity on site. If blistering reappears the smoothing procedure has been effected a little too early and must be repeated.

On coarse, roughly textured substrates yet another work step may be necessary to obtain a smooth/ even surface.

Reworking gypsum filling compounds may lead to swelling, blistering and flaking due to long lasting moisture exposure. Provide for quick drying by sufficient ventilation and temperature.

Germany: Follow Data Sheet No. 2 "Verspachtelung von Gipsplatten" (Trowel Application on Plasterboards), issued by the German Association of Gypsum and Plasterboard Industry.

Covering Measures:

Cover surrounding areas of the surface to be coated, particularly glass, ceramics, enamel coatings, clinker, natural stones, metal, natural or stained wood very carefully. Remove splashes immediately with clean water.

Advice

Please Note (Status as at Date of Publication)

Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water.

This product is superalkaline. Protect eyes and skin from splashes. Cover the surrounding to protect from splashes. Wash off splashes on enamels, glass, ceramics, metals and natural stones immediately. Further information: See Material Safety Data Sheet (MSDS).

Disposal

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 containers should be handed in for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried/hardened product residues as construction site/demolition/municipal or domestic waste.

EU limit value for the VOC content

This product contains <1 g/l VOC.

Product Code Paints and Enamels

M-SK01 (Germany)

Substances of Content - Declaration

Polyacrylic resin emulsion, calcium carbonate, silicates, water, potassium silicate, additives.

Technical Assistance

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.

Customer Service Centre

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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.211 · Matador® Feinputz · Issued: April 2016

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