

Rustikputze

Textured plasters for decorative interior coatings.



Product Description

Field of Application

For trowel or spray applied, durable interior coatings to provide a rustic look. Particularly suitable for efficient spray application on large areas (seamless surfaces).

Material Properties

- Emission-minimised, solvent-free, unplasticized.
- Water-dilutable, ecologically compatible, low odour.
- Wash-resistant.
- Diffusion-capable.
- Robust and insensitive to shock and impact.
- Reaction to fire / Classification as per DIN EN 13501-1: **A2-s1,d0**
- free of preservatives.
- Coating material according to DIN 18558 - POrg.2.
- Free of fogging active substances.

Material Base / Vehicle

Synthetic resin dispersion/emulsion according to German standard DIN 55 945.

Types that can be delivered

- **Rustikputz K15 for interior use** ● Grain size: Approx. 1.5 mm
- **Rustikputz K20 for interior use** ● Grain size: Approx. 2 mm
- **Rustikputz K30 for interior use** ● Grain size: Approx. 3 mm

Packaging/Package Size

25 kg bucket

Colours

White.

Tintable with max. 2 % CaparolColor Vollton- und Abtönfarben or AmphiColor® Vollton- und Abtönfarben. (Do not dilute with water before tinting). Mix self-tinted material with each other to avoid differences in colour shade.

For smaller surfaces, it is recommended to apply the rustic plaster in its natural colour and to paint over it in the desired colour.

Rustic plasters can be tinted by machine in the ColorExpress system according to all common colour collections in light shades up to approx. light reference value 70.

Tinting no longer guarantees the preservative-free properties of the rustic plasters.

Gloss Level

Matt (flat)

Storage

Keep in a cool, but frost-free place.

Technical Data

- Diffusion-equivalent air layer thickness s_{dH_2O} : < 0.14 m (high), V_1
- Water permeability (w-value): $\leq 0.5 - > 0.1$ [kg/(m² · h^{0.5})] (medium), W_2

Supplementary Product

Putzgrund 610

Note

CE labelling according to EN 15824 (see www.caparol.de for product 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 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

Renderers according to DIN EN 998-1 class CS II - CS IV / compressive strength min. 2 N/mm²: Solid, normally absorbent and even renderers can be coated without primer coat. Prime slightly sanding, absorbent renderers with OptiSilan TiefGrund, CapaSol RapidGrund or Sylitol RapidGrund 111. Prime more sanding renderers with OptiSilan TiefGrund.

Gypsum plasters according to DIN EN 13279-1 / compressive strength min. 2 N/mm²: Sand and remove dust from gypsum plasters with sintered skin, prime with OptiSilan TiefGrund, CapaSol RapidGrund or Sylitol RapidGrund 111.

Gypsum boards/gypsum planks: Priming coat with OptiSilan TiefGrund.

Gypsum boards (plasterboard): Sand off filler burrs. Prime sanded gypsum filler areas and the gypsum boards with OptiSilan TiefGrund, CapaSol RapidGrund or Sylitol RapidGrund 111. In case of stronger absorption, prime with OptiSilan TiefGrund. For boards with water-soluble, discolouring ingredients, prime with Caparol AquaSperrgrund. Observe BFS Data Sheet No. 12, Part 2.

Concrete: Remove any release agent residues and chalking, sanding substances. Prime with OptiSilan TiefGrund, CapaSol RapidGrund or Sylitol RapidGrund 111.

Sand-lime masonry: Dry brush off existing salt efflorescence. Prime with CapaSol RapidGrund or Sylitol® Rapidgrund 111. In case of stronger absorption, prime with OptiSilan TiefGrund.

Load-bearing coatings: Recoat matt, slightly absorbent coatings directly. Roughen glossy surfaces and paint coatings.

Non-bearing coatings: Remove non-stable varnish and dispersion paints or synthetic resin plaster coatings. Prime coarsely porous, sanding or absorbent surfaces with OptiSilan TiefGrund. Remove non-bearing mineral paint coatings mechanically and remove dust from the surfaces. Apply one priming coat of OptiSilan TiefGrund.

Glue-Bound Distemper (Limewater Colour/Paint): Wash off the existing distemper very thoroughly, allow to dry and prime with Dupa-Putzfestiger. Alternatively, remove mechanically, rinse and prime with OptiSilan TiefGrund.

Woodchip, relief or embossed wallpapers made of paper and sample wallpapers: Coat without pre-treatment. For relief and embossed wallpapers made of paper as well as sample wallpapers, apply a trial coat. Foamed wallpapers may cause intermediate reactions (stickiness, odour) when coated.

Removed wallpaper: Wash off paste and waste paper residues. Apply one priming coat of OptiSilan TiefGrund.

Mould-infested surfaces: Remove mould by wet cleaning. Wash surfaces with Capatop and allow to dry thoroughly. Observe the legal and official regulations (e.g. the Biological Substances Ordinance and the Ordinance on Hazardous Substances). Increased protection against renewed infestation can be achieved with the products Malerit-W, Indeko-W and Fungitex-W.

Surfaces with nicotine, water, soot or grease stains: Wash off nicotine stains as well as soot or grease stains with water, adding a grease-dissolving cleaning agent, and allow to dry thoroughly. Clean dried water stains by brushing dry. Apply a barrier priming coat of Caparol AquaSperrgrund fein (see Technical Information No. 384) or Caparol-Filtergrund grob (see Technical Information No. 845).

Wood and wood-based materials: Apply one priming coat of Capacryl Holz-Isogrund. On boards factory-coated with melamine resin, apply one priming coat of Capacryl-Haftprimer. The joint areas/ panel joints are not to be finished crack-free. Here, for higher visual requirements, a decoupling layer with thin gypsum boards with appropriate filling is recommended.

Old lime filler techniques: Remove sintered layer on the surface by sanding. In case of negative wetting test with water on sanded surface, the entire lime filler layer must be removed and the substrate must be rebuilt accordingly. In case of positive wetting test with water on sanded surface, prime with OptiSilan TiefGrund.

Chips, joints and defects: Fill the recess with Füllspachtel P.

Note Q2/Q3 Filling / thin gypsum layers < 0.5 mm: When using gypsum-containing, hydraulically setting levelling compounds in quality level Q2/Q3, a transparent, water-based primer is recommended. For this, we refer to the Maler&Lackierer leaflet No. 2 -9/2020 "Adhesion problems of coatings on filled gypsum (cardboard) boards" of the Bundesverband Farbe, Gestaltung, Bautenschutz and the Bundesausschuss Farbe und Sachwertschutz. As an alternative to gypsum-based Q3 filling, filling with pasty filling compounds has proven successful.

Method of Application

Rustikputz types are applicable with smoothing trowel or spraying equipment. Smoothing trowel application gives a scraped-finish texture (K Finish) and spray application produces a sprayed-finish texture.

Trowel application:

Rustikputz, diluted with max. 2 % water, spread evenly with a stainless steel smoothing trowel to the thickness of the grain and rub down immediately.

Spray application:

Apply with suitable spray gun/equipment for large-area application.

Nozzle size: 6 - 8 mm Pressure: Depending on machine type.

Air flow rate of compressor: 500 l per minute at 3 bar.

Adjust the consistency for spray application to a max. of 5 % with tap water and dilute correspondingly less for tinted product. Clean tools/equipment immediately after use with water.

	Airless-Kolben	Airless-Heavy Duty / Heavy Coat	Putzspritzenanlagen	
Gun type	Spray lance			
Power supply	230 Volt			
Max. Hose length	15m	15m	ca. 30m	
Hose diameter	1"	1"	DN 27	
Hose whip	3/4"	3/4"	-	
Air output compressor	500 l/min; 3 Bar	500 l/min; 3 Bar	500 l/min; 3 Bar	

Dilution*	max. 5% with water
Airless piston	
Nozzle size in mm	6 - 8mm
Spray pressure	50 bar
Air support	ja
Airless-Heavy Duty / Heavy Coat	
Nozzle size in mm	6 - 8mm
Spray pressure	50 bar
Air support	ja
Surface sprayer	
Spray pressure	depends on unit
Air support	500l/min bei 3 bar
Nozzle size in mm	6 - 8 mm

*Dilute tinted material less!

Please note: Textured renders must always be stirred well before spraying. After spraying, texture immediately according to the Technical Information. Clean the equipment with water immediately after use. If work is interrupted, leave the unit in the plaster, cover the container e.g. with foil and keep the gun and nozzle under water. Covering measures: Carefully cover especially glass, ceramics, paintwork, clinker, natural stone, metal and natural or glazed wood (see general instructions). Remove splashes immediately with clean water.

Surface Coating System

Priming and/or Intermediate Coat:

Apply primer Putzgrund 610, tinted with CaparolColor or AmphiColor® (AVA) colourants to match the finishing coat in shade.

Finishing Coat:

Apply Rustikputz by smoothing trowel or spraying equipment.

Consumption

- **Rustikputz K15** for interior use: Approx. 2.1 - 2.5 kg/m²
Spray application: Approx. 1.5 - 1.8 kg/m²
- **Rustikputz K20** for interior use: Approx. 3.1 - 3.4 kg/m²
Spray application: Approx. 1.6 - 2.0 kg/m²
- **Rustikputz K30** for interior use: Approx. 3.4 - 3.8 kg/m²
Spray application: Approx. 1.7 - 2.1 kg/m²

Consumption depends on the desired texture. Stir up the product thoroughly before use, thus avoiding rise in consumption. Determine the exact amount of material required by coating a test area on site.

- **Putzgrund 610:** Approx. 250 - 350 g/m² on smooth substrates.

TECHNICAL INFORMATION NO. 220

Application Conditions	Lower Temperature Limit for Application and Drying: +8 °C for product, substrate and ambient air.
Drying/Drying Time	At +20 °C and 65 % relative humidity surface-dry after approx. 24 hours. Thoroughly dry and ready for stress after 2 - 3 days. Lower temperatures and higher relative humidity extend the drying time.
Note	Being natural products, the quartz granules used in the product may occasionally cause slight colour variation in the finishing coat. Only use product of same batch on seamless surfaces or, when product of different batches must be applied, mix the entire quantity needed in advance. To avoid lapping, the product should be applied wet-on-wet without interruption. Due to the use of Tiefgrund TB in interiors, a typical solvent odour is released, hence proper ventilation must be provided during application and drying. Use non-aromatic, low-odour AmphiSilan-Putzfestiger in sensitive areas. Reworking gypsum filling compounds may cause swelling, blistering and flaking due to long lasting moisture exposure. Provide for quick drying by sufficient ventilation and temperature. In Germany: Follow Data Sheet No. 2 "Verspachtelung von Gipsplatten / Trowel Application on Plasterboards" issued by German Association of Gypsum and Plasterboard Industry. Spalling may occur when gypsum fillers are applied in thin layers. This risk can be minimised, if the product is used in combination with primer Putzgrund 610.

Advice

German Certificates

■ Test report reaction to fire

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. Do not breathe spray dust.
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.

Product Code Paints and Enamels

M-DF01 (Germany)

Substances of Content - Declaration

Acrylic resin dispersion/emulsion, alkali water glass, titanium dioxide, calcium carbonate, silicates, water, additives.

Further Details

VOC content / EU limit value of this product group: non-existent.
This product contains < 1 g/l VOC.

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