

PutzGrund 610

Pigmented, quartz-filled special primer
for interior and exterior use



Product Description

Field of Application

Special primer with good adhesion and coverage as adhesion-promoting primer for subsequent synthetic resin, silicone resin, silicate and mineral renders as well as coloured stone render coatings in the Capatect façade systems.

For well-covering, non-slip priming coats on load-bearing, mineral interior surfaces and gypsum boards (GK boards).

PutzGrund 610 can also be used as a texturing and coloured priming coat, the so-called "brush-on", for glaze techniques with Arte-Lasur and Deco-Lasur and as a priming coat for "Capadecor VarioPutz" and "Capadecor CalcinoDekor".

Material Properties

- Simplifies the application and structuring of subsequent coatings for higher surface coverage.
- Reduces the water absorption of the substrate
- High adhesion and extended open time for subsequent coatings
- Can be diluted with water
- Solvent- and preservative-free
- Fire behaviour "non-combustible" or "flame-retardant" according to the structure of the respective Capatect façade system

Material Base / Vehicle

Modified, remineralising plastic dispersion according to DIN 55945

Packaging/Package Size

Standard goods: 8 kg, 16 kg, 25 kg
ColorExpress: 16 kg

Colours

White.
With "CaparolColor" and "AmphiColor Abtönfarben" or mechanically via the "ColorExpress-System".
Tinting no longer guarantees the preservative-free property.

When using "Histolith Volltonfarben" (max. 10 %), the preservative-free property is still guaranteed. If more is added, the desired texture and fullness will not be achieved. In case of self-tinted material, it is recommended to mix the required total quantity to avoid differences in colour shade.

Brilliant, intensive colour shades may have a lower hiding power. It is therefore recommended to apply a comparable, opaque, white-based, pastel colour shade before applying these shades. A second top coat may be necessary.

In order to detect possible tinting errors, please check for colour consistency before application. In case of conspicuities or deviations from the delivery target (e.g. colour shade deviations) or from the usual quality, please also observe the guidelines on inspection obligations for delivery of tinted products of the Association for Insulation Systems, Plaster and Mortar (Verband für Dämmsysteme, Putz und Mörtel e.V.): Brochures and leaflets - VDPM.

Gloss Level

Matt, class: G₃ according to DIN EN 1062-1

Storage

Keep in a cool, but frost-free place.



TECHNICAL INFORMATION NO. 659

Technical Data

Characteristics according to DIN EN 1062:

- Maximum particle (grit) size: < 300 µm, class: S₃ (medium)
 - Density: Approx. 1.6 g/cm³
 - Diffusion-equivalent air layer thickness s_dH₂O: < 0.14 m, class: V1 (high)
- Deviations in the technical characteristics are possible due to tinting.

Supplementary Product

PutzGrund 610 SPRINTER

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 substrates must be free from dirt, separating substances and dry. In Germany: Observe VOB, Part C, DIN 18363, Para. 3. Please refer to our Technical Information No. 650 "Substrates and their pre-treatment" regarding suitability for various substrates and their necessary pre-treatment.

Substrate Preparation

New mineral renders, also base renders:

Depending on season and temperature, leave untreated for at least 2-4 weeks.

Coarsely porous, slightly sanding or absorbent surfaces:

Apply a priming coat of OptiSilan TiefGrund.

Render that is sanding and flouring on the surface:

Apply a priming coat of Dupa-Putzfestiger.

Interiour:

Soft gypsum substrates

Apply one priming coat of Dupa-Putzfestiger. For substrates with water-soluble discolouring ingredients, apply a priming coat of Filtergrund grob. Coat normally absorbent, load-bearing substrates without prior priming.

Note Q2/Q3 Filling / thin layers of gypsum < 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

	Finishing render	Colour shade of the render	X-TRA 300	190/186-M/170/190 UNI/133 LEICHT/700	131 SL	Orca Spachtel/Carbon Spachtel/699	Socket-Flex Carbon/Socket-Flex/777
applicati-on-ready	Capatect Thermosan Fassadenputz NQG	white coloured	1 2	1 2	1 2	4 2	1 2
	Capatect AmphiSilan Fassadenputz	white coloured	1 2	1 2	1 2	4 2	1 2
	Capatect Amphisilan Fassadenputz FEIN	white coloured	1 2	1 1	1 2	4 4	1 2
	Capatect Muresko Fassadenputz	white coloured	1 2	1 2	1 2	4 2	1 2
	Capatect Fassadenputz	white coloured	1 2	1 2	1 2	4 2	1 2
	Capatect Sylitol Fassadenputz	white coloured	1 2	3,4 2,3,4	1 2	1 2	1 2
	Capatect Buntstein-Sockelputz 691	coloured	2	2	-	2	2
Factory dry mortar	Capatect Mineral-Leichtputz	white coloured	3 4	3,4 3,4	1 2	- -	- -
	Capatect Mineralputz	white coloured	3 4	3,4 3,4	1 2	- -	- -
	Capatect Edelkratzputz	white coloured	3 4	- -	3 4	- -	- -
	Capatect Modellier- und Spachtelputz	white coloured	3 4	3,4 3,4	1 2	- -	- -
	Capatect Feinspachtel 195	white	3,4	3,4	3,4	-	-
	Capatect ArmaReno 700	white	3,4	3,4	-	-	-

1 =	Primer required
2 =	Primer in the colour shade of the finishing render is required.
3 =	Primer required in very dry or warm weather as a burn-on barrier.
4 =	Priming required if the base coat has been unprotected for a longer period of time (e.g. interruption of work due to winter) and is weathered accordingly.
5 =	Priming not possible for fire protection reasons
- =	Combination not possible

Thinning

Can be adjusted to working consistency as a primer or intermediate coat with max. 10 % water.

Surface Coating System

For following coloured synthetic resin, silicone resin, silicate and mineral renders as well as "Buntsteinputz" coatings, it is recommended to tint "Putzgrund 610" to the colour shade of the finishing coat, for "Capadecor VarioPutz" tint "PutzGrund 610".

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Consumption	Approx. 250 - 350 g/m ² on an even substrate, depending on intended use and substrate requirements. On roughly textured substrates correspondingly more. Determine the exact amount of material required by coating a test area on site.
Application Conditions	Low Temperature Limit for Application and Drying: +5 °C for product, substrate and ambient air.
Drying/Drying Time	At +20 °C and 65 % relative humidity recoatable after approx. 12 hours. Lower temperatures extend the drying time.
Tools	"Putzgrund 610" may be applied by paint brush, roller or suitable spraying equipment. Clean tools/ equipment immediately after use with water.
Tool Cleaning	Immediately after use with water, possibly with the addition of washing-up liquid. Keep tools in the paint or under water during breaks in work.
Airless Application	For optimum spray application, we recommend airless piston pumps, airless heavy duty / heavy coat and hydraulic piston pumps. Spray angle: approx. 50 Nozzle: 0.027-0.031 Spray pressure: 100 - 120 bar
Note	"PutzGrund 610" is not suitable for horizontal surfaces exposed to water.

Advice

Please Note (Status as at Date of Publication)	If medical advice is needed, have packaging or label at hand. Keep out of the reach of children. Caution. Spraying may produce hazardous respirable droplets. Do not inhale aerosol or mist. When spraying, use face mask with particle filter P2 against spray mist.
Disposal	Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local, regional, national and international authorities.
EU limit value for the VOC content	of this product (category A/a): max. 40 g/l (2010). This product contains < 1 g/l VOC.
Product Code Paints and Enamels	Giscode: BSW10
Substances of Content - Declaration	Polyacrylate resin, alkali water glass, calcium carbonate, silicates, titanium dioxide, water, additives.
Technical Assistance	All substrates that occur in practice and their technical processing cannot be dealt with in this brochure. If substrates are to be treated that are not listed in this Technical Information, it is necessary to consult with us or our sales representatives. We will be happy to provide you with detailed and object-related advice.
Customer Service Centre	Tel.: +49 6154 71-71710 Fax: +49 6154 71-71711 e-mail: kundenservicecenter@caparol.de International Distribution: Please see www.caparol.com

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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.659 · PutzGrund 610 · Issued: May 2021