

# PutzGrund 610

Water-dilutable, adhesion promoting, filled special primer.  
For exterior and interior use on stable, mineral substrates.



## Product Description

### Field of Application

Pigmented priming paint for applying priming coats with a good grip and opacity on stable, mineral exterior and interior surfaces, such as mineral renders/plasters and plasterboards (minimising the risk of flaking for thin layered gypsum fillers).  
Eminently suitable as adhesion promoting priming coat for subsequently applied coatings of synthetic (organic), silicone resin, silicate-emulsion-based and mineral renders/plasters or coloured stone finish. Facilitates application and texturing and leads to a higher performance.

Particularly suitable for Capatect ETICS/EWI systems A + B or Capatect-VHF (ventilated cladding) systems A + B according to table (see page 2). Additionally the water absorption of exterior rendering will be reduced (diminishes water penetration through surface defects into rendering).

Putzgrund 610 can also be used as a texture giving, tinted priming coat, e.g. for brush-applied semi-transparent glaze-techniques with Arte-Lasur and Deco-Lasur and as a priming coat for Capadecor VarioPutz, Capadecor VarioStone and Capadecor CalcinoDekor.

### Material Properties

- High adhesion.
- Preservative free.
- Good opacity (hiding/covering power)
- Emission-minimised, solvent-free.
- Water-dilutable.
- Ecologically compatible, low odour.
- Water-repellent.
- Reaction to fire (German classification): "nicht brennbar" (non-combustible) or "schwerentflammbar" (flame-retardant), depending on the system structure of corresponding Capatect ETICS/EWI system or Capatect-VHF (Cladding) system.

### Material Base / Vehicle

Synthetic resin dispersion/emulsion according to German standard DIN 55945.

### Packaging/Package Size

8 kg, 16 kg, 25 kg

### Colours

White.  
Putzgrund 610 can be tinted to a max. of 25 % with CaparolColor or AmphiColor® (AVA) colourants. Putzgrund 610 is tintable to all current colour collections via the ColorExpress tinting & mixing machine system. The preservative free formula cannot be guaranteed for tinted product.

### Storage

Keep in a cool, but frost-free place.

### Technical Data

- Density: Approx. 1.6 g/cm<sup>3</sup>



Technical Information No. 659

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. Germany: Follow VOB, part C, DIN 18363, section 3.

Substrate Preparation

New mineral renders/plasters (also rendering) must be allowed to set without any treatment for min. 2-4 weeks, depending on season and temperature.  
**Exteriors:** On highly porous, slightly sanding or absorbent substrates apply one priming coat of OptiGrund. Prime sanding, chalking renders/plasters with Dupa-grund (solvent-based); on ETICS/EWI systems use AmphiSilan-Putzfestiger.  
**Interiors:** Prime soft gypsum substrates with Caparol-Tiefgrund TB. Prime substrates with content of water-soluble, discolouring substances that leave marks with Caparol-Filtergrund grob (coarse-grained). Coat normally absorbent, stable substrates without previous priming.

Method of Application

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Finishing renders/ plasters		Colour of render/ plaster	Priming or intermediate coat of Putzgrund 610 for reinforcement layers									
			190	186M	133 Lightweight	700	699	Carbon- Spachtel	CarboNit	ArmaReno Sockel	Sockelflex	OrCa Spachtel
Ready for use												
620	Capatect- Fassadenputz R and K	white tinted	1 2	1 2	1 2	1 2	4 2	4 2	4 2	1 2	1 2	-
626	AmphiSilan- Fassadenputz R and K	white tinted	1 2	1 2	1 2	1 2	4 2	4 2	4 2	1 2	1 2	- -
120	Sylitol- Fassadenputz R and K	white tinted	3, 4 2, 3, 4	3, 4 2, 3, 4	3, 4 2, 3, 4	3, 4 2, 3, 4	1 2	1 2	1 2	3, 4 2, 3, 4	1 2	- -
692	Capatect- Faschenputz K10	white tinted	1 2	1 2	1 2	1 2	4 2	4 2	4 2	1 2	- -	- -
687	Capatect- Fassadenputz Fein	white tinted	1 1	1 1	1 1	1 1	4 4	4 4	4 4	1 1	1 2	- -
691	Capatect- Buntstein- Sockelputz	in colour	2	2	2	-	2	2	2	2	2	-
860/ 870	Capatect- CS- Strukturputze	white tinted	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
628	ThermoSan Fassadenputz NQG	white tinted	1 2	1 2	1 2	1 2	4 2	4 2	4 2	1 2	1 2	5 5
Dry mortar												
135	Capatect- Mineral- Leichtputz R and K	white tinted	3, 4 3, 4	3, 4 3, 4	3, 4 3, 4	3, 4 3, 4	- -	- -	- -	3, 4 3, 4	- -	- -
146	Capatect- Mineralputz R and K	white tinted	3, 4 3, 4	3, 4 3, 4	3, 4 3, 4	3, 4 3, 4	- -	- -	- -	3, 4 3, 4	- -	- -
134	Capatect- Modellier- and Spachtelputz	white tinted	3, 4 3, 4	3, 4 3, 4	3, 4 3, 4	3, 4 3, 4	- -	- -	- -	3, 4 3, 4	-	-
700	Capatect- ArmaReno 700	white	3, 4	3, 4	3, 4	3, 4	-	-	-	3, 4	-	-
195	Capatect- Feinspachtel	white	3, 4	3, 4	3, 4	3, 4	-	-	-	3, 4	- -	- -
148	Capatect- Edelkratzputz K40	white tinted	- -	- -	3, 4 3, 4	- -	- -	- -	- -	- -	- -	- -
0524	Capatect ArmaReno Sockel	white tinted	3, 4 3, 4	3, 4 3, 4	3, 4 3, 4	- -	- -	- -	- -	3, 4 3, 4	- -	- -
1	Priming coat is necessary.						4	A priming coat is necessary when reinforcement coat has				
2	Priming coat is necessary matching the finishing coat in colour.							been left unprotected for longer down times				
3	A priming coat is necessary in very dry or warm weather conditions.							(e.g. in winter time) and shows signs of weathering.				
-	Combination is not possible						5	No priming possible, due to fire protection.				

Thinning	Dilute only with tap (potable) water.
Surface Coating System	For priming or intermediate coat the product is adjustable to working consistency to a max. of 10 % with tap (potable) water. The product must be tinted to match the finishing coat in shade, when used before applying tinted coatings of synthetic (organic), silicone resin, silicate-emulsion-based and mineral renders/plasters or coloured stone finishes, Capadecor VarioPutz or Capadecor VarioStone.
Consumption	Approx. 250 - 350 g/m <sup>2</sup> 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.

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## 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.

## Note

Do not apply on horizontal surfaces exposed to rain or moisture. When using Caparol-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.

### Compatibility:

In order to retain the specific properties, Putzgrund 610 should only be tinted with CaparolColor, AmphiColor® (AVA) colourants or via ColorExpress. Do not mix with other materials.

## 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. 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.  
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

of this product (category A/a): max. 30 g/l (2010). This product contains < 1 g/l VOC.

## Product Code Paints and Enamels

M-GP01 (Germany)

## Substances of Content - Declaration

Potassium water glass, polyacrylate resin, calcium carbonate, titanium dioxide, silicates, water, 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

Tel.: +49 0 61 54 / 71 - 717 10  
Fax: +49 0 61 54 / 71 - 717 11  
e-mail: kundenservicecenter@caparol.de

International Distribution: Please see [www.caparol.com](http://www.caparol.com)

## Technical Information No.659 · Issue: August 2016

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: July 2016

DAW International Business: **DAW SE** · P.O.B. 1264 · D-64369 Ober-Ramstadt · Tel. +49 6154 71-1274 · Fax +49 6154 71-1264 · Internet [www.caparol.com](http://www.caparol.com)