

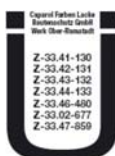
Putzgrund 610

Special primer. Water-thinnable, adhesion promoting, filled.
For sound exterior and interior mineral substrates.



Product Description

Field of Application	<p>For covering, grip promoting priming coats on sound mineral exterior and interior surfaces. Particularly used as an adhesion promoting undercoat for subsequent layers of synthetic resin-bound (organic) renders/plasters, silicone resin renders, dispersion-silicate-based renders, mineral renders/plasters or imitation wash rendering, facilitating application and texturing.</p> <p>Highly suitable for Capatect ETICS/EWI systems A + B types or Capatect-VHF (Cladding) system according to table (see page 2). Additionally the water absorption of exterior rendering will be reduced (diminishes the penetration of water through gaps of finishing render coatings into rendering). Putzgrund 610 can also be used as a texturing priming coat for semi-transparent (glaze/scumble) techniques with Arte-Lasur and Deco-Lasur and as a priming coat for Capadecor render/plaster and Capadecor Calcino-Dekor.</p>
Material Properties	<p>Weather-resistant, water-repellent, high opacity (hiding/covering power), high adhesion, water-thinnable, ecologically compatible and low odour, may be tinted via ColorExpress.</p> <p>Fire behaviour (German classification): "nicht brennbar" (non-combustible) or "schwerentflammbar" (of low flammability) according to the system structure of the relative Capatect ETICS/EWI system or Capatect-VHF (Cladding) system.</p>
Material Base / Vehicle	Synthetic resin dispersion to DIN 55945.
Packaging/Package Size	<ul style="list-style-type: none"> ■ White: 8 kg, 16 kg, 25 kg ■ Grey: 25 kg
Colours	<p>White, Grey.</p> <p>Putzgrund 610 can be tinted up to max. 25% with CaparolColor or Amphibolin colourants (full-tone and tinting paints).</p> <p>Putzgrund 610 can be tinted via the ColorExpress tinting machine system according to all current colour schemes in pastel tints (bright-toned; up to luminosity approx. 70).</p>
Storage	Cool, but frost-free.
Technical Data	<ul style="list-style-type: none"> ■ Density: Approx. 1.6 g/cm³



Application

Substrate Preparation

The substrate must be sound/stable, dry, clean, and free from all materials that may prevent good adhesion. In Germany: Follow VOB, part C, DIN 18363, paragraph 3.

See Technical Information No. 650 for suitability of Putzgrund 610 on different substrates and their special treatment.

New mineral renders/plasters/rendering must be allowed to set for min. 2 to 4 weeks, depending on the season and temperature.

Method of Application

Finishing renders/plasters		Colour of render/ plaster, rendering								
			190	186M	133 Lightweight	700	699	Carbon- Spachtel	CarboNit	ArmaReno Sockel
Ready to use	Capatect-Fassadenputz R and K	white	1	1	1	1	4	4	4	1
		coloured	2	2	2	2	2	2	2	2
	AmphiSilan-Fassadenputz R and K	white	1	1	1	1	4	4	4	1
		coloured	2	2	2	2	2	2	2	2
	Sylitol-Fassadenputz R and K	white	3, 4	3, 4	3, 4	3, 4	1	1	1	3, 4
		coloured	3, 4	3, 4	3, 4	3, 4	2	2	2	3, 4
	Capatect-Faschenputz K 10	white	1	1	1	1	4	4	4	1
coloured		2	2	2	2	2	2	2	2	
Capatect-Fassadenputz Fine	white	1	1	1	1	4	4	4	1	
	coloured	1	1	1	1	4	4	4	1	
Capatect-Buntstein-Sockelputz	coloured	2	2	2	–	2	2	2	2	
Capatect-CS-Strukturputze	white	–	–	–	–	–	–	–	–	
	coloured	–	–	–	–	–	–	–	–	
Dry mortar premix	Capatect-Mineral-Leichtputz R and K	white	3, 4	3, 4	3, 4	3, 4	–	–	–	3, 4
		coloured	3, 4	3, 4	3, 4	3, 4	–	–	–	3, 4
	Capatect-Mineralputz R and K	white	3, 4	3, 4	3, 4	3, 4	–	–	–	3, 4
		coloured	3, 4	3, 4	3, 4	3, 4	–	–	–	3, 4
	Capatect-Modellier- and Spachtelputz	white	3, 4	3, 4	3, 4	3, 4	–	–	–	3, 4
		coloured	3, 4	3, 4	3, 4	3, 4	–	–	–	3, 4
Capatect-ArmaReno	white	3, 4	3, 4	3, 4	3, 4	–	–	–	3, 4	
Capatect-Feinspachtel	white	3, 4	3, 4	3, 4	3, 4	–	–	–	3, 4	
Capatect-Edelkratzputz K40	white	–	–	3, 4	–	–	–	–	–	
	coloured	–	–	3, 4	–	–	–	–	–	

1 = Priming coat is necessary

2 = Priming coat is necessary (apply in tinted form to match the finishing coat in shade)

3 = Priming coat is necessary in very dry or warm weather conditions

4 = Priming coat is necessary, when the reinforcement layer has been exposed to weathering (after a break, caused e.g. by sudden onset of winter)

– = Combination is not possible

Dilution

Dilute only with tap (potable) water.

Surface Coating System/ Application

Exteriors · Highly porous, slightly sanding or absorbent substrates: Apply one priming coat of OptiGrund E.L.F.

Sanding, chalking renders/plasters: Prime with Dupa-grund (solvent-based); but apply AmphiSilan-Putzfestiger on ETICS/EWI systems.

Interiors · Soft gypsum substrates and gypsum plasterboards: Prime with Caparol-Tiefgrund TB.

Substrates containing water-soluble, discolouring substances (that leave marks): Apply one priming coat of Caparol-Filtergrund (coarse grained).

Coat sound substrates of normal absorbency without preliminary treatment.

For priming or intermediate coat the material may be adjusted to working consistency by diluting up to max. 10% with tap (potable) water.

The material must be tinted to match the finishing coat in shade, if used before applying tinted synthetic resin-bound (organic) renders/plasters, silicone resin renders, dispersion-silicate-based renders, mineral renders/plasters or imitation wash rendering.

Observe formula stated in Technical Information No. 230, if used before applying Capa-stone.

Consumption	Approx. 250 – 350 g/m ² on even surfaces. On rough-textured substrates correspondingly more. The exact rate of consumption is best established by a trial coating on site.
Application Conditions	Lower Temperature Limit for Application and Drying: +5 °C for material, substrate and ambient air.
Drying/Drying Times	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 immediately after use with water.
Please Note	Do not use for application on horizontal surfaces exposed to rain or moisture. Due to the use of Caparol-Tiefgrund TB in the interiors, a typical solvent odour is released, hence proper ventilation must be provided during the application and drying. Use non-aromatic, low-odour AmphiSilan-Putzfestiger in sensitive areas. Compatibility: To preserve the specific properties Putzgrund 610 material should only be tinted with CaparolColor (formerly: Alpinacolor), Amphibolin colourants or via ColorExpress. Do not mix with other materials.

Advice

Please Note (Status as at Date of Publication)	Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water. Do not empty into drains, water courses and onto the ground. Further information: See Safety Data Sheets.
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 emptied containers should be given for recycling. Dispose containers with residues of liquid material as remnants of water-based paints and dried material as hardened paints waste or via domestic waste.
EU limit value for the VOC content	of this product (category A/a): max. 30 g/l (2010). This product contains max. 10 g/l VOC.
Product Code Paints and Enamels	M-GP01
Substances of Content · Declaration	Acrylic resin dispersion, titanium dioxide, calcium carbonate, silicates, water, film forming agent, additives, preservative agent
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 17 10 Fax: (+49) 0 61 54 / 71 17 11 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.
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