

Capadecor®

VarioPutz

Multicoloured, matt, small flakes type coating. Suitable for highly efficient interior paint roller and spray application.



Product Description

Field of Application

Multicoloured, highly durable (hard-wearing) interior wall coating. Eminently suitable for application on interior surfaces in offices, halls, stairways, reception and living areas without additional finishing coat.

Material Properties

- AgBB tested.
- Efficient paint roller or spray application.
- Excellently cleanable.
- Highly resistant to mechanical stress.
- Easy to touch up.
- Reaction to fire as per German standard DIN 4102: Class A2 nicht brennbar (non-combustible).

Material Base / Vehicle

Synthetic resin dispersion/emulsion; transparent binder with coloured paint flakes/chips.

Packaging/Package Size

12.5 kg

Colours

Please note: For each VarioPutz design/type one previously applied covering intermediate coat of Putzgrund 610, tinted to match the finishing coat in shade, is essential.

Design/Type:	Colour No. Putzgrund 610:
VarioPutz No. 13	VP No. 13
VarioPutz No. 14	VP No. 14
VarioPutz No. 19	VP No. 19
VarioPutz No. 21	VP No. 21
VarioPutz No. 23	VP No. 23
VarioPutz No. 25	VP No. 25
VarioPutz No. 27	VP No. 27
VarioPutz No. 29	VP No. 29
VarioPutz No. 30	VP No. 30
VarioPutz No. 31*	VP No. 31
VarioPutz No. 32*	VP No. 32
VarioPutz No. 35*	VP No. 35
VarioPutz No. 41*	VP No. 41
VarioPutz No. 49*	VP No. 49
VarioPutz No. 51*	VP No. 51
VarioPutz No. 53	VP No. 53
VarioPutz No. 55	VP No. 55



*With mica chips content. The effect is only accentuated in direct lighting.

The formulas used for tinting Putzgrund 610 according to Caparol 3D and VarioPutz Tinting Collections are not identical. Therefore Caparol 3D formulas cannot be used for tinting.

Gloss Level
Storage
Technical Data
Supplementary Product
Suitability according to
Technical Information No. 606
Definition of Application Areas

Matt
Keep in a cool, but frost-free place. Keep partially used containers tightly closed.
■ Diffusion-equivalent air layer thickness s_dH_2O : Approx. 0.10 m

Caparol Putzgrund 610

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
+	+	○	-	-
(-) inapplicable / (○) of limited suitability / (+) suitable				

Application

Suitable Substrates
Substrate Preparation

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.

Textured Substrates:

Adherent woodchip wallpaper or glass fabrics and slightly to medium textured interior plasters: Apply one covering/hiding intermediate coat of Putzgrund 610 before applying VarioPutz. Perhaps two coats of VarioPutz may be necessary.

Plasters in Mortar Groups/Classes P II (Lime-Cement Mortars) and P III (Cement Mortars):

Apply one covering/hiding coat of Putzgrund 610 on solid plasters with normal absorbency. Prime highly porous, absorbent plasters with OptiGrund or CapaSol, then apply one hiding intermediate coat of Putzgrund 610.

Gypsum and Ready-Mixed Gypsum Plasters in Mortar Group P IV:

Sand/grind sintered gypsum plasters (remove sintered skin and sanding dust), then prime with Caparol-Tiefgrund TB or AmphiSilan-Putzfestiger. Apply one covering/hiding priming coat of Putzgrund 610 on surfaces with normal absorbency.

Gypsum Wallboards:

Apply one covering/hiding priming coat of Putzgrund 610 on normally absorbent surfaces.

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

Sand/grind off filler burrs. Prime and strengthen soft and roughened gypsum areas (repairs) with Caparol-Tiefgrund TB or AmphiSilan-Putzfestiger. Apply one covering/hiding priming coat of Putzgrund 610 on normally absorbent surfaces. Apply one priming coat of Caparol AquaSperrgrund on boards containing water-soluble substances that leave marks. In Germany: Follow BFS Data Sheet No. 12, part 2.

Concrete:

Remove all residues of separating agents and chalking or sanding substances. Apply one covering/hiding priming coat of Putzgrund 610 on normally absorbent surfaces.

Unstable Existing Coatings:

Remove unstable coatings of enamel and dispersion/emulsion paint or synthetic (organic) plaster. Prime highly porous, sanding or absorbent substrates with OptiGrund or CapaSol.

Mildewed Surfaces:

Remove fungal attack (fungi/mildew/mould) by wet brushing-off or chipping, then use Capatox and allow the surface to dry well.

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 substrate to dry well. Clean dried-up water stains by dry brush cleaning. Apply one insulating priming coat of Caparol AquaSperrgrund (Technical Information No. 384).

Small Defects:

After having completed the necessary preparations, repair small defects with Caparol-Akkordspachtel in accordance with our application instructions, and if necessary, prime subsequently.

Advice:

Uneven substrates cannot be leveled with Capadecor VarioPutz. Differences in the substrate (filler repairs, electric cable markings, etc.) must previously be treated by suitable means to obtain an even surface.

Method of Application

Apply with paint roller or suitable spray equipment (high pressure spraying method).

TECHNICAL INFORMATION NO. 868

Surface Coating System

Intermediate Coat:

After having finished the necessary substrate preparations, apply one even and hiding coat of Putzgrund 610, tinted to match the selected colour of VarioPutz (see colour list). Apply contrast-free and roll over trimming areas, where possible. It might be necessary to apply two intermediate coats on slightly absorbent or high-contrast surfaces. Intermediate coats without quartz content are unsuitable.

Roller Application:

Stir VarioPutz with a slow turning electric paddle mixer or manually. Apply undiluted product liberally, wet-on-wet using suitable and well prepared (soaked) paint roller without connecting bar, then spread evenly. Do not underrun the given consumption to avoid an adverse effect on the visual appearance. Allow to flash off for a sufficiently long time, then wipe over the surface with soft brushes (e.g. oval brushes) to avoid visible roller marks. The necessary airing/flash-off time varies depending on conditions on site: approx. 10 to 30 minutes or longer at high RH. Two roller applied coats are possible to avoid an uneven surface (clouding effect).

Spray Application:

Stir VarioPutz with a slow turning electric paddle mixer and apply undiluted product with suitable spraying equipment. Spray in slightly rotary motion and do **not** rework by brush. Nozzle: 4 - 5 mm, air pressure: 2.5 - 3.5 bar, distance to the wall: approx. 60 - 80 cm

Consumption

Roller application: Min. 400 g/m², determine the exact consumption by a trial coating.

Spray application: Approx. 800 - 1100 g/m², determine the exact consumption by a trial coating.

Application Conditions

Min. +8 °C for product, substrate and ambient air during application and drying. RH below 65 %.

Drying/Drying Time

At +20 °C and 65 % relative humidity surface-dry after 6 - 8 hours. Cured and ready for stress (loadable) after approx. 3 days. Lower temperatures and higher humidity extend the drying time.

Tools

Suitable rollers: Use paint rollers with a pile height of 12 to 16 mm.

Suitable spraying equipment: Hopper spray gun.

Tool Cleaning

Clean paint rollers and spraying equipment immediately after use with tap water.

Note

Always use product of same batch, when applying on large (seamless) surfaces and apply in one go, in order to avoid lapping and colour deviation.

Due to the use of Caparol-Tiefgrund TB in interiors, a typical solvent odour is released, hence proper ventilation must be provided during the application. Use non-aromatic, low-odour AmphiSilan-Putzfestiger in sensitive areas.

Reworking gypsum filling compounds may cause swelling, blistering or flaking/spalling due to long lasting moisture exposure. Hence provide for fast drying by means of sufficient ventilation and temperature.

In Germany: Follow Data Sheet No. 2 „Verspachtelung von Gipsplatten / Trowel application on Plasterboards“ issued by Bundesverband der Gips- und Gipsplattenindustrie / German association of Gypsum and Plasterboard Industry.

Advice

German Certificates

■ Non-combustibility / Reaction to fire Class A2 according to German standard DIN 4102

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).

Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

In Germany: Advice for allergy sufferers: Hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute).

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

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

Product Code Paints and Enamels

M-DF01 (Germany)

Substances of Content - Declaration

Polyacrylic resin, coloured pigments, mineral and polymer fillers, water, additives, preservative (Methyl-/Benzisothiazolinone).

TECHNICAL INFORMATION NO. 868

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.868 · Capadecor®
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CAPAROL Farben Lacke Bautenschutz GmbH · Roßdörfer Straße 50 · D-64372 Ober-Ramstadt · Internet www.caparol.com · E-Mail info@caparol.de