

Capatect Fassadenputz R und K

Emulsion-based, textured renders for exterior use
as per DIN EN 15842



Product Description

Field of Application	<p>Ready-to-use, textured renders based on organic emulsion binder. Applicable as finishing coatings for Capatect ETICS</p> <ul style="list-style-type: none"> - Uncoated concrete - Mortar layers of mortar groups P II + P III as per DIN 18550-1 / DIN EN 998-1 - Sound, matt coatings of dispersion paint - Sound existing mineral coatings. Unsuitable are substrates showing efflorescence and substrates made of plastic or wood.
Material Properties	<ul style="list-style-type: none"> ■ Reaction to fire: A2-s1,d0 as per DIN EN 13501-1 (non-combustible) ■ Highly water vapour permeable. ■ Weatherproof, water-repellent as per DIN 4108. ■ Good working properties. ■ Ecologically compatible, low odour. ■ Binder: Synthetic resin emulsion as per DIN 18 558. ■ Water-thinnable. ■ Alkali-proof, hence unsaponifiable.
Packaging/Package Size	25 kg bucket
Colours	<p>White</p> <p>Can be tinted by the manufacturer according to colour cards CaparolColor or Caparol 3D System or via ColorExpress tinting machines. Further shades with luminosity ≥ 20 can be tinted on request. (Luminosity < 20 is unsuitable for ETICS). Shades with luminosity ≥ 10 are possible by using reinforcement materials CarboNit or CarbonSpachtel. Small quantities can be tinted with CaparolColor or Amphibolin colourants, but max. 2 %, otherwise the consistency will become too low.</p>
Gloss Level	Matt
Storage	<p>Cool, dry, frost-free and protected against direct sunlight.</p> <p>For siloware: Empty containers and silos completely before longer downtimes (winter break).</p>
Technical Data	<ul style="list-style-type: none"> ■ Diffusion-equivalent air layer thickness $s_d H_2O$: < 0.14 m, class V1 (high) as per DIN EN ISO 7783-2 ■ Fire behaviour: A2-s1,d0 as per DIN EN 13 501-1 ■ Coefficient of water absorption: $w < 0.2$ kg/(m² · h^{0.5}), class W2 (medium) as per DIN EN 1062 part 3 ■ Consistency: paste-like
Product No.	620



Application

Substrate Preparation

The substrate must be even, clean, dry, solid, sound/stable, and free from all substances that may prevent adhesion. Remove unsound coatings of enamels, dispersion paints, synthetic renders/plasters and unsound mineral paint coatings. Clean sound, adherent paint coatings dry or wet. Clean surfaces with organic growth (moss, algae and mold) by high pressure water jet in compliance with the regulations. Treat the surfaces with Capatopx and allow to dry thoroughly. Clean surfaces soiled with industrial gases or soot by high pressure water jet and suitable cleaners in compliance with the regulations.

Method of Application

Apply the textured render with stainless steel trowel or suitable spraying equipment homogeneously to the complete surface and immediately rub down to the grain size. Directly after that treat the K-type renders evenly with a plastic trowel or PU-board, by circularly 'ironing', and texture the R-type materials horizontally, vertically or circularly, as desired. The surface roughness profile is influenced by the chosen tool, hence always the same type of texturing tool should be used.

For spray application the nozzle size depends on particle sizes. (Nozzle size = particle size x 4). Working pressure: 0.3 to 0.4 MPa (3 to 4 bar). Apply thoroughly an even layer during spray application and avoid overlapping that may be caused by storeys of scaffolding. To achieve an even texture always the same craftsmen should work on a surface. To avoid lapping on large area surfaces, care should be taken to have a sufficient number of hands/craftsmen on the job and to apply the material wet-on-wet without interruption

Being natural products, the granular materials used in the render/plaster finishes, may occasionally cause slight colour variation in the finished coating. Use only material marked with identical batch numbers or, if utilising material from different batches, mix the entire quantity needed in advance.

Surface Coating System

The primer Putzgrund 610 has to be tinted in the matching colour shade before applying tinted render. Allow thorough drying of priming/intermediate coats before further application.

Capatect ETICS:

New mineral base coats (reinforcing compounds):
Prime with Putzgrund 610.

New cementless reinforcing compounds:

No primer required.

After longer breaks (eg winter break), prime the weathered base coats with Putzgrund 610.

Plasters of mortar groups PII u. PIII:

New plasters are coatable after a sufficient waiting time, usually after 2 weeks, at about 20 ° C and 65% rel. Humidity. In less favorable weather conditions, e.g. Influenced by wind or rain, significantly longer waiting times must be maintained. An additional priming with CapaGrund Universal reduces the risk of lime efflorescence, so that the finishing render can be coated after only 7 days. Intermediate coat with Putzgrund 610.

Old plasters:

Repairs must be well set and dried out. On coarsely porous, absorbent, slightly sanding plasters, prime with OptiGrund E.L.F. Intermediate coat with Putzgrund 610. On heavily sanding, flour-like plasters, prime with Dupa-grund. Intermediate coat with Putzgrund 610.

Concrete:

Clean concrete surfaces with dirt deposits or flour grain layer mechanically or by pressurized water blasting in compliance with legal regulations. On coarsely porous, slightly sanding or absorbent surfaces, prime with OptiGrund E.L.F. On sanding surfaces prime with Dupa-grund. Intermediate coat with Putzgrund 610.

Sustainable, matt emulsion paint coatings:

Matt, slightly absorbent coatings can be coated directly. Clean contaminated, chalking old coatings with compressed water jets in compliance with legal regulations. For other cleaning (washing, brushing, etc.), use the primer Dupa-grund. Intermediate coat with Putzgrund 610.

Consumption

Capatect Fassadenputz			
Product	Texture	Grain size [mm]	Consumption [approx. kg/m²]
R20	grooved render	2.0	2.8
R30	grooved render	3.0	3.6
K15	scraped render	1.5	2.7
K20	scraped render	2.0	3.3
K30	scraped render	3.0	4.3

The exact rate of consumption is best established by a trial application. This indication does not take into account usage for spilling or loss on site. The figure may also vary according to substrate or application conditions.

Application Conditions	Processing temperature: + 5 °C to approx. 30 °C for material, substrate, water and ambient air during application and curing. Do not apply in direct sunlight, during strong wind, fog, high relative humidity, and imminent rain or frost.
Drying/Drying Time	At 20 °C and 65 % RH: surface-dry after approx. 24 hours. Cured, recoatable and ready for stress after 2 to 3 days. The render cures physically by evaporation of water. Drying time is extended by low temperature and high RH. Cover the scaffoldings with tarpaulins to protect the surface from rain during the drying phase.
Tool Cleaning	Clean immediately after use with water.
Material Preparation	Stir Capatect Fassadenputze R und K thoroughly with a low-speed stainless steel agitator. If necessary adjust to working consistency with tap water (max. 1 % if manually applied and max. 2 % for spray application).
Note	Capatect Fassadenputze R und K protect the facades against algae and mold at normal exposure. Apply a double coating of ThermoSan facade paint NQG ³ , if an additional preventive protection is required. If necessary, cover the scaffoldings with tarpaulins to protect the surface from rain during the drying phase. Capatect Fassadenputze R und K are unsuitable for application on horizontal surfaces exposed to rain or moisture. Copper traces (Cu ions in rainwater) may react with components of Capatect Fassadenputze R und K and lead to brownish staining. Therefore, corresponding copper surfaces must be protected from oxidation. Alternatively, Capatect AmphiSilan-Fassadenputz should be used.

Advice

Please Note (Status as at Date of Publication)	Keep out of reach of 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. Do not breathe spray dust: Use A2/P2 combination filter for paint spraying. Safety data sheet available on request. Contains 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. In Germany: Technical support and advice for allergy sufferers with isothiazolinone allergy: Hotline 0800/1895000 (free of charge on German landline).
Disposal	Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Only completely emptied containers should be given for recycling. In Germany: Dispose of containers with residues of liquid material as remnants of water-based paints and dried material as dried paints waste or via domestic waste. European Waste Code (EWC) 08 01 12
Giscode	BSW20
Product Code Paints and Enamels	M-DF02 (outdated)
Other Notes	Assessments and Approvals: Z-33.41-130 Z-33.42-131 Z-33.43-132 Z-33.47-859 ETA-07/0184 ETA-12/0383 ETA-13/0891 Note on the CE marking: CE mark according to EN 15824 is placed on the packaging. See sheet for the CE marking on the Internet at www.caparol.de
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