

Capatect Fassadenputz

Dispersion-bound finishing coat according to DIN EN 15824



Product Description

Field of Application	Ready-to-use, structurable, organically bound plaster for mineral and organic wall and ceiling surfaces outdoors. Can be used as finishing coat in conjunction with the Capatect facade systems.
Material Properties	<ul style="list-style-type: none"> ■ highly water vapour permeable ■ weatherproof ■ water-repellent ■ water-thinnable ■ smooth processing ■ without biocides as coating protection
Packaging/Package Size	25 kg bucket
Colours	<p>White</p> <p>Can be tinted by manufacturer. Suitable for machine tinting with dosing systems from ColorExpress.</p> <p>Further custom colors with lightness value > 20 on request. If, for design reasons, colors with lightness value < 20 are required, these can be achieved in some cases with a double coat of Muresko CoolProtect paint.</p> <p>Small quantities can be tinted with CaparolColor or AmphibolinColor colourants with max. 2 % to avoid low consistency</p>
Gloss Level	Matt
Storage	Cool, dry, frost-free and protected against direct sunlight. For siloware: Empty containers and silos completely before longer downtimes (winter break).
Technical Data	<ul style="list-style-type: none"> ■ Diffusion-equivalent air layer thickness s_{dH_2O}: < 0.14 m as per DIN ISO 7783 class V1 (high) as per DIN EN 15824 ■ Fire behaviour: A2-s1,d0 as per DIN EN 13501-1 (non-combustible) ■ Consistency: pasty ■ Vehicle / Binding agent: Synthetic resin dispersion ■ Water permeability (w-value): $\leq 0.5 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$ as per DIN EN 1062-3 class W₂ (medium) as per DIN EN 15824
Product No.	620



Application

Substrate Preparation

The substrate must be even, clean, dry, solid, sound/ stable and free from all substances that may prevent good adhesion. In Germany follow VOB, part C, DIN 18 363, section 3.

Remove unsound coatings of enamel, emulsion paint, synthetic (organic) render/ plaster and unsound mineral paint coatings completely. Clean adherent paint coatings dry or wet.

Clean surfaces infested with organic growth (fungi/ mildew/ mould, moss, algae attack) with a highpressure water jet, in compliance with the regulations. Then use Capatox and allow to dry thoroughly. Clean surfaces contaminated with industrial pollution (factory fumes) or soot by high-pressure cleaner and suitable cleaning agent, in compliance with the regulations.

With grain sizes < 2.0 mm an additional pre-treatment of the base coat may be necessary.

Method of Application

Apply the textured plaster 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 plaster, 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. Capatect facade plasters are not suitable for horizontal surfaces exposed to water.

Surface Coating System

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

Capatect ETICS:

New mineral base coats (reinforcement layer): Prime with Putzgrund 610. New cement-free base coats: No key coat required. Weathered base coats (e.g. after winter break): Prime with Putzgrund 610.

Plasters of mortar groups PII u. PIII:

New plasters can be coated after a sufficient waiting period, usually after 2 weeks at approx. 20 ° C and 65% rel. humidity. In less favorable weather conditions, e.g. influenced by wind or rain, significantly longer waiting times must be observed. An additional key coat with CapaGrund Universal reduces the risk of lime efflorescence, so that the finishing coat can be coated after just 7 days. Intermediate coat with PutzGrund 610.

Old plasters:

Subsequent plastering areas must be well set and dried out. Prime coarse, porous, absorbent, slightly sanding plasters with OptiSilan TiefGrund. Intermediate coat with PutzGrund 610. Use DupaPutzfestiger for heavily sanding, powdery plasters. Intermediate coat with PutzGrund 610.

Concrete:

Clean dirty or powdery concrete surfaces mechanically or with high pressure water jets in compliance with the legal regulations. Use OptiSilan TiefGrund on coarsely porous, light sanding or absorbent surfaces. On powdery surfaces, use Dupa-Putzfestiger. Intermediate coat with PutzGrund 610.

Load-bearing, matt emulsion paint coatings:

Coat matt, slightly absorbent coatings directly. Clean soiled, chalking old paint coatings with high pressure water jets, observing the legal regulations. For other types of cleaning (washing, brushing off, hosing down), prime with Dupa-Putzfestiger. Intermediate coat with PutzGrund 610.

Consumption

Capatect Fassadenputz			
Product	Texture	Grain size [mm]	Consumption [approx. kg/m ²]
R20	grooved render	2.0	2.8
R30	grooved render	3.0	3.6
K15	scraped render	1.5	2.5
K20	scraped render	2.0	3.4
K30	scraped render	3.0	4.2

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	<p>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.</p>
Application Conditions	<p>Processing temperature: + 5 °C to approx. 30 °C. for material, substrate 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. If there is strong air movement on the component surface at the time of execution and drying, there is a risk of shrinkage cracks and pore formation in the finishing coat.</p>
Drying/Drying Time	<p>At 20 °C and 65 % RH: surface-dry after approx. 24 hours. Cured, recoatable and ready for stress after 2 to 3 days.</p> <p>The render cures physically by evaporation of water. Drying time is extended by low temperature and high RH.</p> <p>Cover the scaffoldings with tarpaulins to protect the surface of the finishing coat from rain during the drying phase if necessary.</p>
Tool Cleaning	<p>Clean immediately after use with water.</p>
Material Preparation	<p>Stir Capatect Fassadenputz 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).</p>
Note	<p>Capatect Fassadenputz protects the facades against algae and mold at normal exposure. Apply a double coating of ThermoSan facade paint, if an additional preventive protection is required. If necessary, cover the scaffoldings with tarpaulins to protect the surface from rain during the drying phase.</p> <p>Copper traces (Cu ions in rainwater) may react with components of Capatect Fassadenputz and lead to brownish staining. Therefore copper surfaces must be protected from oxidation. Alternatively, Capatect AmphiSilan Fassadenputz should be used.</p>

Advice

Please Note (Status as at Date of Publication)	<p>Synthetic resin plaster, water-based. VOC content according to RL 2004/42/EG Cat. A/c max. 40 g/l. This product contains <10 g/l VOC.</p> <p>Warning. May cause an allergic skin reaction. If medical advice is needed, have packaging or packaging label ready. Keep out of the reach of children. Do not get in eyes, on skin, or on clothing. Wear protective gloves / eye protection. IF ON SKIN: Wash with plenty of soap and water.</p> <p>Contains: 1,2-Benzisothiazol-3 (2H)-on, 2-methyl-2H-isothiazol-3-on, mixture of 5-chloro-2-methyl-2H-isothiazol-3-on [EG No. 247-500-7] and 2-methyl-2H-isothiazol-3-on [EG No. 220-239-6] (3: 1). German Hotline for allergy inquiries and technical advice: 0800/1895000 (free of charge from the German landline network). Mixture of 5-chloro-2-methyl-2H-isothiazol-3-on and 2-methyl-2H-isothiazol-3-on (3: 1) <15 ppm. Declaration of the ingredients according to German VdL guideline 01: polyvinyl acetate resin, calcium carbonate, silicates, mineral pigments/ fillers, titanium dioxide, water, aliphatic, additives, preservatives.</p>
Disposal	<p>Dispose of liquid material residues at the collection point for old paints/ varnishes. Dispose of dried material residues as construction and demolition waste or as municipal waste or household waste. EAK 080112.</p>
Giscode	<p>BSW20</p>
Other Notes	<p>Assessments and Approvals:</p> <p>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</p> <p>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</p>
Customer Service Centre	<p>Tel.: +49 6154 71-71710 Fax: +49 6154 71-71711 e-mail: kundenservicecenter@caparol.de</p> <p>International Distribution: Please see www.caparol.com</p>

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