

Capatect Fassadenputz FEIN

Ready to use finishing coat with organic binder for smooth, felted surfaces as per DIN EN 15824.



Product Description

Field of Application	Organically bound finishing coat for mineral and organic wall and ceiling surfaces in outdoor areas. Can be used in conjunction with the Capatect facade systems.
Material Properties	<ul style="list-style-type: none"> ■ Feltable ■ Fine surface structure ■ High color stability ■ Increased protection against fungal and algae infestation ■ Highly water repellent ■ Highly permeable to water vapor
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	Store cool, frost free and dry. Protect from direct sunlight. Shelf life in the original sealed packaging approx. 12 months.
Technical Data	<ul style="list-style-type: none"> ■ Density: approx. 1.7 g/cm³ as per DIN EN ISO 2811 ■ Diffusion-equivalent air layer thickness s_dH₂O: < 0.14 m as per DIN EN ISO 7783 class V₁ (high) as per DIN EN 15824 ■ Adesive tensile strength: ≥ 0.3 MPa as per DIN EN 1542 ■ 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): ≤ 0.1 kg/(m²h^{0.5}) as per DIN EN 1062-3 class W₃ (low) as per DIN EN 15824 ■ Water vapour permeability (sd-value): Medium water vapor diffusion, Class 2 as per DIN EN 1062



Product No. 687

Application

Substrate Preparation	<p>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.</p> <p>Remove unsound coatings of enamel, emulsion paint, synthetic (organic) render/ plaster and unsound mineral paint coatings completely. Clean adherent paint coatings dry or wet.</p> <p>Clean surfaces infested with organic growth (fungi/ mildew/ mould, moss, algae attack) with a highpressure water jet, in compliance with the regulations. Then use Capatex and allow to dry thoroughly. Clean surfaces contaminated with industrial pollution (factory fumes) or soot by highpressure cleaner and suitable cleaning agent, in compliance with the regulations.</p> <p>With grain sizes < 2.0 mm an additional pre-treatment of the base coat may be necessary.</p>
Preparation of Material	<p>Ready to use. If necessary, adjust to the processing consistency with max. 1% water.</p>
Method of Application	<p>Fine leveling to create an even substrate: Level the substrate with Capatect Fassadenputz FEIN. Avoid or smooth the spatula offsets. The substrate must be leveled absolutely even, layer thicknesses must be between 1mm and 2mm.</p> <p>Apply the felted layer: After the fine filler has solidified sufficiently, apply Capatect Fassadenputz FEIN with a rust-free notched trowel and smooth it down to a layer thickness for felting (approx. 1 mm) with a stainless steel trowel. After tightening, felt with a fine sponge disc. After sufficient drying, apply a double coat of suitable facade paint, e.g. ThermoSan NQG.</p> <p>The choice of tool influences the roughness profile of the surface, therefore always work with the same tools. To achieve a uniform surface, contiguous surfaces should always be carried out by the same craftsman in order to avoid deviations due to different "handwriting". A sufficient number of craftsmen must be used on each scaffolding level in order to avoid irregularities. Work through quickly wet on wet.</p> <p>Alternatively, in cases where a fine leveling is not required to level the substrate, a single-layer application can also be used. A minimum layer thickness of 2 mm must be ensured.</p> <p>Capatect Fassadenputz FEIN is not suitable for horizontal surfaces exposed to water.</p>
Consumption	<p>Approxm. 1.2 kg/m² per mm of layer thickness</p> <p>The consumption figures are guide values without loss of bulk or shrinkage. Building-dependent or processing-related deviations must be taken into account.</p>
Application Conditions	<p>During the application and in the drying phase, the ambient and substrate temperatures must not be below +5°C and above +30°C. Do not use in direct sunlight, in strong wind, fog or high humidity. 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>Surface dry after 24 hours at 20°C and 65% relative humidity. Thoroughly dry, resilient and paintable after 2-3 days. The plaster physically dries by evaporation of the moisture. This means that drying is delayed, especially in the cooler months of the year and when there is high humidity.</p> <p>If necessary, the finished surface of the finishing coat must be protected until it is sufficiently weatherproof.</p>
Tool Cleaning	<p>Immediately after use with water</p>
Example for Machine Equipment	<p>Please request special information on machine processing.</p> <p>Note It must be taken into account that fine shrinkage cracks cannot be completely ruled out in smoothed or felted structures. However, these are not deficiencies to be complained about.</p> <p>By using natural fillers and granulates, slight color fluctuations are possible. Therefore only process material with the same production number on contiguous areas or mix materials with different production numbers beforehand.</p>

Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)

EU limit value for the VOC content of this product (Cat. A / c): 40 g/l. This product contains <20 g/l VOC. If medical advice is needed, have container or label ready. Keep out of the reach of children. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-on [EC No. 247-500-7] and 2-methyl-2H-isothiazol-3-on [EC No. 220-239-6] (3: 1). May produce allergic reactions. This product is a "treated product" according to EU regulation 528/2012 (not a biocidal product) and contains the following biocidal active ingredients: pyrithione zinc (CAS no. 13463-41-7), terbutryn (CAS no. 886-50-0), 2-octyl-2H-isothiazol-3-on (CAS No. 26530-20-1). Hotline for allergy inquiries and technical advice: 0800/1895000 (free of charge from the German landline network). Declaration of the ingredients according to VdL guideline 01: polyvinylacetate resin, calcium carbonate, silicates, titanium dioxide, aluminum hydroxide, water, aliphatics, additives, film preservatives, Preservative. In addition, the current technical information for this product and its application on www.caparol.com must be observed.

Disposal

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.

Giscode

BSW50

Other Notes

Approvals:
Z-33.41-130, Z-33.43-132, Z-33.44-133, Z-33.47-859,
ETA-07/0184, ETA-10/0436, ETA-12/0383, ETA-10-0160

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

Technical advice:
All substrates that occur in practice and their technical processing cannot be dealt with in this publication. If substrates are to be processed that are not listed in this technical information, it is necessary to consult with us or our sales representatives. We are happy to advise you in detail and on a building-related basis.

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