

Capamur Finish

Siloxane reinforced, weather-resistant, pollutant resistant facade paint with fungicidal coating.



Product Description

Field of Application

Waterproof, pollution-resistant facade paint. Provides a long façade Protection from fungus and moss. The siloxane additive provides optimal waterproofing with good vapor permeability and sufficient carbon dioxide permeability. Used for paint new or for renewing old stable mineral and polymer-mineral plaster coatings of class PIII on cement and cement-lime binder, matt water-dispersion plaster coatings, as well as repainting most old matt water-dispersion paint coatings with a load-bearing capacity. Well suited for painting mortar systems for insulating facades ETICS / Lightweight Plaster Insulation System, as it suppresses fungal and algal damage to the walls. The product has a very low water permeability, which prevents the insulation plates from getting wet.

Material Properties

- Weather-resistant
- Protects from grey or green deposits as a result of growth of fungi and algae: antifungal resistance
- Water-soluble
- Environmentally friendly
- Keeps surfaces dry: has very low value of permeability to water $w < 0,015 \text{ kg}/(\text{m}^2 \cdot \text{h} \cdot 0,5)$ class W3 DIN EN 1062
- With good vapor permeability (class V2 according to DIN EN 1062), suitable for use in thermal insulation systems ETICS / Lightweight Plaster Insulation System

Binding

Dispersion of synthetic resin, siloxane reinforced

Packaging

- **Base 1:** 10 l
- **Base 3:** 9,4 l

Color

- **Base 1:** White;

Machine tinted using the ColorExpress system in all common shades of color collections. Base 1 can also be hand-tinted in pastel shades with the usual AVA dispersion-based full-tone and tinting paints - AmphiColor Vollton- und Abtönfarben. When tinting by hand, mix as much paint as needed to avoid color differences. Base 1 can also be used for white coatings.

To exclude a possible error during tinting, prior to application it is necessary to check accuracy of color shade. Apply material from the same batch to contacting surfaces. Vibrant, intensive colors in certain circumstances may have less covering capacity. For this purpose, it is recommended to precoat with comparable pastel color shades on the basis of white color. Additional layer may be necessary. For uniform color shade the base must be uniformly absorbent.

Gloss Level

Matt

Storage

Keep in a cool, but frost-free place. Storage period in its original packaging is minimum 24 months.



Technical Data

- Maximum particle (grit) size: <100 mm; S1
- Density: 1,46
- Dry film thickness: 100-200 µm, E3
- Diffusion equivalent air layer thickness sd H 2 O: Of approximately 200 mmol, average, V2

Application

Suitable Substrates

The substrates must be free from dirt, separating substances and dry. In Germany observe "VOB, Part C, DIN 18363, Para. 3".

Substrate Preparation

New and existing, intact external thermal insulation composite systems with surfaces made of synthetic resin, silicone resin, lime-cement render/ solid mortar class according to DIN EN 998-1 class CS II 1.5 - 5.0 N/mm²:

Old renders can be wet cleaned using a suitable method. When cleaning, use pressure water jets with a max. temperature of 60 °C and a max. pressure of 60 bar. Allow sufficient drying time after cleaning. Apply coatings of Caparol materials according to the existing finishing render type and the following substrate specifications.

Finish renders according to DIN EN 998-1 class CS II 1.5 - 5.0 N/mm²:

New renders are to be applied after sufficient standing time, usually after 2 weeks, at approx. 20 °C and 65 % rel. Humidity, they can be coated. In case of unfavourable weather conditions, e.g. influenced by wind or rain, significantly longer standing times must be observed. By applying an additional priming coat of "CapaGrund Universal" reduces the risk of lime efflorescence with alkaline finishing renders, so that coating can be applied after a standing time of only 7 days.

Old plasters:

Renewd renders/ touch-ups must be well set and dried. Prime coarsely porous, absorbent, slightly sanding plasters with OptiSilan TiefGrund. Prime very sandy, chalky plasters with Dupa-Putzfestiger.

New silicate finishing renders:

Prime with Sylitol® NQG-W facade paint.

New silicate finishing renders:

Coat with products from our silicate Sylitol® products.

Old mineral paints and renders:

Clean firmly adhering coatings mechanically or by pressure water jetting in compliance with the legal regulations. Remove non-sticking, weathered coatings by scraping, sanding, scraping off. Apply one priming coat of "Dupa-Putzfestiger".

Load-bearing/ stable dispersion plaster and silicone resin plaster coatings:

Clean old renders with a suitable method. In case of wet cleaning, allow the surfaces to dry thoroughly before further treatment. Prime with "CapaGrund Universal" or "Dupa-Putzfestiger". Coat new synthetic resin or silicone resin renders without pre-treatment.

Sound dispersion, dispersion-silicate or silicone resin paint coatings:

Clean old coatings by pressure water blasting in compliance with the legal regulations. Observe substrate test according to BFS* Leaflet No. 20.

Old coatings with the following properties :

Weakly absorbent, solid, dry, load-bearing: See coating structure.

Moderately absorbent: "CapaGrund Universal" diluted with max.3% water.

Highly absorbent: "OptiSilan TiefGrund" or "Dupa-Putzfestiger".

Old coatings on ETICS:

Highly absorbent, firmly adhering, fine hairline cracks: Dupa-Putzfestiger.

Chalking or powdery:

(also under water load following BFS* No. 20, B.13 "Oberflächenfestigkeit, Kreidung"(Surface strength, chalking)):

Prime with "Dupa-Putzfestiger".

Glossy and water-repellent (hydrophobic) surfaces:

Mechanically roughen. Prime with "CapaGrund Universal". If water beading is still present after mechanical roughening, we recommend a priming coat of "Dupa-HaftGrund".

Non-bearing paint and render coatings:

Remove completely with a suitable method, e.g. by sanding, brushing, scraping, stripping and subsequent cleaning with pressurised water jets in compliance with legal regulations or other suitable measure. In case of wet cleaning, allow the surfaces to dry thoroughly before further treatment. Prime chalky, sanding, absorbent surfaces with "Dupa-Putzfestiger".

Facing brickwork:

Only frost-resistant facing bricks or clinker without foreign inclusions are suitable for painting. The masonry must have crack-free joints and be free of salt. Prime with "Dupa-Putzfestiger". Intermediate coat with "Minera Universal". If brown discolouration occurs after the intermediate coat with "Minera Universal", apply the final coat with "Dupa-HaftGrund".

Sand-lime brickwork:

Only frost-resistant facing bricks that do not contain any driving or discolouring foreign inclusions such as sand or clay are suitable for painting. The jointing must be free of cracks. Clean chalking/flouring surfaces. Brush off salt efflorescence dry. Please observe BFS* Leaflet No. 2. Prime with "OptiSilan TiefGrund". Intermediate coat with "Minera Universal".

Surfaces with salt efflorescence:

Remove salt efflorescence dry by brushing. Apply one priming coat of "Dupa-Putzfestiger". When coating surfaces with salt efflorescence, no guarantee can be given for the permanent adhesion of the coating or the prevention of salt efflorescence.

TECHNICAL INFORMATION F111R NOE

	<p>Defects: Repair small defects with "Caparol Fassaden-Feinspachtel". Large defects up to 20 mm should preferably be repaired with "Histolith-Renovierspachtel". Re-priming of filler areas.</p>
Method of Application	Apply with brushes, or a roller
Coating Structure	<p>■ Primary or intermediate layer: Apply Capamur Finish diluted in maximum 10 % of water.</p> <p>■ Finish layer: Apply Capamur Finish diluted in 5 % of water.</p> <p>To keep roughness of the mortar surfaces, primary coat must be diluted in not more than 10-15 % of water, and for finishing coat – not more than 5 % of water.</p>
Consumption	Approximately 200 g/sq. m for each working alley on smooth base. Consumption for rough surface increases.
Application Conditions	Minimum allowed temperature is +5°C for base and ambient air.
Drying/Drying Time	Under +20°C and relative humidity of 65%, dry after 4-6 hours and it is ready for applying the next coat. Rain resistant after 24 hours. Lower temperatures and high humidity extend drying time.
Tool Cleaning	Clean tools with water and soap immediately after using.
Notes	Always apply the product wet-on-wet in order to avoid lapping (overlap marks). Material is unsuitable for horizontal surfaces exposed to water.
Advice	
Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)	Keep out of reach of children. Provide proper airing during usage or drying. Eating, smoking is not allowed when using the product. In case of contact with eyes or skin, rinse them properly with clean water. Do not let product enter drains, wastewaters and soil.
Disposal	Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Observe the relevant national regulations.
EU limit value for the VOC content	(Cat. A/s): 40 g/l (2010). This product contains max. 20 g/l VOC.
Substances of Content - Declaration	Dispersion of acrylic copolymer, pigments, mineral fillers, silicone additives, water, fungus or algae, preservative agents.
Customer Service	CAPAROL GEORGIA Al .Kartvelishvili str. N8 0198 Tbilisi, Georgia E-mail: office@caparol.ge www.caparol.ge