

Capatect AmphiSilan Fassadenputz SPRINTER

Ready-to-use structurable finishing coat with silicone resin binder in SPRINTER setting for the damp and cooler season



Product Description

Preliminary remark

The recipe variant SPRINTER setting is not designed to enable plaster to be applied in unsuitable weather conditions. The only thing that is achieved is that the plaster forms a skin for a relatively short period of time and the surface can therefore be used more quickly ("early rainproof"). The final curing and drying takes place as with the normal recipe, depending on the respective weather conditions. Alkaline substrates e.g. cement-bound reinforcement layers adversely affect the effect of accelerated skin formation.

Do not mix with normal AmphiSilan Fassadenputz without SPRINTER setting.

Please also note the additional information in the SPRINTER setting leaflet.

Field of Application

Ready-to-use structurable silicone resin finishing coat as per EN 15824 for mineral and organic wall and ceiling surfaces outdoors. Can be used in the corresponding Capatect facade system.

Material Properties

- Accelerated skin formation
- Processing up to $\geq 1^\circ\text{C}$ possible
- water-dilutable
- Water repellent
- High water vapor permeable
- Increased protection against infestation by fungi and algae

Packaging/Package Size

25 kg bucket

Colours

White

Can be tinted by manufacturer. Suitable for machine tinting with dosing systems from ColorExpress.

Further custom colors with light reflectance value > 20 on request. If, for design reasons, colors with light reflectance value < 20 are required, these can be achieved in some cases with a double coat of Muresko CoolProtect paint.

Small quantities can be tinted with CaparolColor or AmphiColor tinting colors with max. 2 % to avoid low consistency.

Gloss Level

Matt

Storage

Store in a dry, cool and frost-free place. Protect from direct sunlight. Shelf life in the originally closed container max. 2 months.



Technical Data	<ul style="list-style-type: none"> ■ Density: approx. 1.8 g/cm³ ■ Diffusion-equivalent air layer thickness s_dH_2O: < 0.14 m as per DIN EN ISO 7783 Class V₁ (high) as per DIN EN 15824 ■ Adhesive tensile strength: ≥ 0.08 N/mm² as per DIN EN 15824 ■ Fire behaviour: A2-s1, d0 (non-combustible) as per DIN EN 13501-1 ■ Coefficient of water absorption: $w < 0.5 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$ as per DIN EN 1062-3 Class W₂ (medium) as per DIN EN 15824 ■ Consistency: Paste-like ■ Vehicle / Binding agent: Silicone resin emulsion
Product No.	626 SPRINTER

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.

Non-stable emulsion paint or synthetic resin plaster coatings as well as non-stable mineral coatings must be completely removed. Clean firmly adhering 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.

Method of Application

Apply all textured render with a stainless steel trowel without using a machine homogeneously to surface sections. Rub off immediately to the grain size and take off excessive slurry. Treat the K-type render evenly with a plastic trowel or PU-board by circularly "ironing". The surface roughness is influenced by the chosen tool, hence always the same type of texturing tool should be used.

Always the same craftsmen should finish seamless surfaces to achieve an even texture. To avoid lapping on large-area surfaces, care should be taken to have a sufficient number of craftsmen on the job and to apply the material wet-on-wet without interruption.

Granules and filler are natural products and therefore may occasionally cause slight colour variation in the finished coating. Only use products of the same batch or, if materials from different batches must be applied, mix the entire quantity needed in advance.

Capatect AmphiSilan Fassadenputz SPRINTER is not suitable for horizontal surfaces exposed to water.

Surface Coating System

Mineral based base coats must always be primed with PutzGrund 610 SPRINTER, as the alkalinity otherwise prevents the accelerated filming of the finishing coat.

The key coat Putzgrund 610 SPRINTER 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 SPRINTER.

New cement-free base coats: No key coat required.

Plasters of mortar groups PII u. PIII:

New plasters can be coated after a sufficient waiting period, usually after 3-4 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. Prime with PutzGrund 610 SPRINTER.

Old plasters:

Renewed plaster areas must be well set and dried out. Prime coarse, porous, absorbent, slightly sanding plasters with OptiSilan TiefGrund. Intermediate coat with PutzGrund 610 SPRINTER. Use Dupa-Putzfestiger for heavily sanding, powdery plasters. Intermediate coat with PutzGrund 610 SPRINTER.

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 SPRINTER.

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 SPRINTER.

Load-bearing silicate paints:

Coat with Sylitol or AmphiSilan products.

Consumption

Structure	Grain size [mm]	Consumption (approx.) [kg/m ²]
K20 scraped	2.0	3.2
K30 scraped	3.0	4.1

The consumption figures are guide values without loss of bulk or shrinkage. Building-dependent or processing-related deviations must be taken into account.

Drying/Drying Time

Processing temperature: Ideally +2°C to +8°C, maximum +15°C

Lowest processing temperature: above 1°C

The relative humidity must not exceed 90%.

These limit values must be given for at least 6 hours in the drying phase. Only then is the plaster usually protected, with its skin formation, against short, light and medium rain showers and insensitive to night frost down to -5°C. The accelerated plaster also dries physically, i.e. through film formation of the dispersion and through evaporation of the moisture. There must be sufficient air movement for sufficient drying progress. The cooler the temperature and the higher the humidity, the longer this process takes. Further processing may only take place after it has completely dried out. Do not work at temperatures above +15°C or in direct sunlight, as the material forms a skin too quickly, making structuring impossible. The open time is also shortened by a heated surface or high room temperatures. Drying out depends on the weather. Therefore, no precise statement can be made about the period of time until it is completely dry.

Tool Cleaning

Immediately after use with water.

Material Preparation

Stir Capatect AmphiSilan Fassadenputz SPRINTER thoroughly with a low-speed stainless steel agitator. If necessary adjust to working consistency with max. 0.5 % tap water.

Advice

Basically, depending on the expected weather conditions, suitable protective measures (such as scaffolding tarpaulin or rain protection) must be taken on the area to be worked. Do not process with strong air movement. With stronger 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. Do not use Capatect AmphiSilan Fassadenputz SPRINTER with AmphiSilan Fassadenputz on the same site/facade.

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

Silicone resin plaster, water-based, with film protection. VOC content according to RL 2004/42/EG Cat. A/c max. 40 g/l. This product contains <10 g/l VOC.

Attention. May cause an allergic skin reaction. If medical advice is needed, have container or 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.

Contains: 1,2-benzisothiazol-3 (2H) -one, 2-methyl-2H-isothiazol-3-one, reaction product from: 5-chloro-2-methyl-2H-isothiazol-3-one [EG no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: 1). This product is a "treated product" according to EU regulation 528/2012 (not a biocidal product) and contains the following biocidal active ingredients: Othillinon (ISO) (CAS No. 26530-20-1), Carbendazim (ISO) (CAS No. 10605-21-7), Isoproturon (ISO) (CAS No. 34123-59-6), Terbutryn (CAS No. 886-50-0). 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: polyacrylate resin, silicone resin, calcium carbonate, silicates, aluminum hydroxide, titanium dioxide, water, aliphatics, additives, preservatives, film protection agents.

Please Note (Status as at Date of Publication)

Approvals: Z-33.41-130, Z-33.43-132, Z-33.44-133, Z-33.47-859 and Z-33.49-1071

The CE mark according to EN 15824 is marked on the container and on the data sheet for the CE mark, which can be found on the Internet at www.caparol.de.

Disposal

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the national and local authorities. In Germany: 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.

Giscode

BSW50

TECHNICAL INFORMATION NO. 626_S

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Technical Information No. 626_S · Issue: June 2021

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.626_S · Capatect AmphiSilan Fassadenputz SPRINTER · Issued: September 2020

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