

Caparol-Akkordspachtel SF "plus"

Paste-like surfacer, ready to spray. To achieve surface quality level Q3 or Q4 as per German BVG Information No. 2 and BFS Data Sheet No. 12.



Product Description

Field of Application	Suitable for economic large-area spray application, smoothing and spatter technique on walls and ceilings. As per the requirement of the customer, if application from big containers is favoured, then our product Caparol Ratio-Spachtel of Akkordspachtel category is more suitable. Follow Technical Information No. 716.
Product Properties	<ul style="list-style-type: none"> ■ Water-thinnable, ecologically compatible, low odour ■ High adhesive strength ■ Very firm when thoroughly dried, non-shrinking, ■ Can be smoothed by dry sanding or with a felt board in wet condition. ■ Diffusion-capable ■ Easy to apply and to make smooth. ■ Flame Resistant (B1) according to DIN 4102
Product Base / Vehicle	Synthetic resin dispersion (emulsion) according to DIN 55 945
Packaging/Package Size	25 kg PE bag (sturdy bag), 25 kg bucket, 40 kg hobbock, 1,000 kg one-way container
Colours	Natural white. Can be tinted up to 5 % with Amphibolin colourants or CaparolColor. Quantities of 1000 kg or more in a pastel shade may be ordered ready-tinted from the factory.
Gloss Level	Matt, G ₃ according to DIN EN 13 300 in accordance with EN ISO 2813
Storage	Keep in a cool, but frost-free place.
Supplementary Product	Caparol-Füllspachtel P in damp interiors: Histolith Renovierspachtel Histolith Feinputz Capatect-Feinspachtel 195 Capatect ArmaReno 700

Application

Suitable Substrates	<p>The substrate must be sound, dry, and clean and free from all substances that may prevent adhesion. In Germany: Follow VOB, part C, paragraph 3, DIN 18 363.</p> <p>Depending on the substrate and its condition, a suitable priming coat must be applied prior to application. Follow Technical Information No. 650. Glossy, sound existing coatings must be roughened beforehand.</p>
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Method of Application

Spray Application (Spatter Technique):

On prefabricated concrete building units, in-situ concrete, AAC (autoclaved aerated concrete) or gypsum plaster & building boards it is efficient to apply the material with a high-power spray gun by thin layer render/plaster method.

Working Procedure:

Spray application of a liberal quantity of undiluted Caparol-Akkordspachtel SF „plus“ onto the complete surface. Then smoothen the surface immediately with a suitable stainless steel trowel. After drying, Caparol-Akkordspachtel SF „plus“ can be smoothened with a felt board in wet condition or by dry sanding. After thorough drying the even surface (trowelled up smoothly) may be spattered with Caparol-Akkordspachtel SF „plus“ according to the desired texture (fine-textured up to rough-textured). The texture may be varied by the nozzle size and degree of dilution. The spatter technique is advisable for ceilings which would remain without any further treatment.

Special Advice for Surface Smoothing and Spraying (Spatter Technique):

In large rooms the application should begin by spraying and smoothing the ceiling and the upper part of walls down to a height easily reached from the floor, before spraying and smoothing the lower part of walls. After smoothing, when the material begins to set, corners should be touched up with a wet radiator brush. Allow to dry and touch up remaining air pockets and bubbles. If rusty spots reappear on the surface, then they must be insulated by stippling with suitable anticorrosive primer, e.g. Capalac AllGrund.

On highly smooth concrete ceilings, free of burrs and shrinkage holes, a covering coat of material can be applied in spattering technique without previous smoothing.

Teamwork and Output:

A team may comprise of 2 to 3 persons: 1 man handling the spray gun, applying a uniform layer; 1 man treating the surface uniformly and working with smoothing tools; 1 man feeding the spray gun.

Covering Device:

For covering window and door openings the use of wood-frames (made to measure), covered with thermoplastic foil, is well-proven. Cover the floor with stable covering material.

Suitable Equipment and Compressors:

Caparol-Akkordspachtel SF „plus“ is applied with plaster conveyor or high-power airless equipment. Remove all filters, if airless guns are used.

Caparol-Akkordspachtel SF „plus“
Nozzle size: 0.035” to 0.043”.
Pressure: Approx. 180 to 200 bar.

Spray guns with higher discharge -recommended by respective manufacturers- can be used as airless guns for surfacers. For optimum application with airless units ensure a minimum material temperature of + 10° C during application.

Surface Coating System

Recoatibility:

Before application of interior paint Sytilol Bio-Innenfarbe, priming with Caparol-Haftgrund is necessary. Surfaces levelled with Caparol-Akkordspachtel may be coated after thorough drying of repairs with suitable Caparol dispersion (emulsion) or latex paints or acrylic enamels without preliminary priming. Finishing plastic coatings, textile and glass fabrics wall coverings require priming with Caparol-Haftgrund. Synthetic resin-bound renders/plasters require a preliminary priming coat with Putzgrund 610.

Consumption

Spray application:

Caparol-Akkordspachtel SF „plus“
approx. 1500 g/m²/mm of layer thickness.

Spatter technique:

Caparol-Akkordspachtel SF „plus“
approx. 400 – 700 g/m², as per desired texture.

Application Conditions

Lower Temperature Limit for Application and Drying:

+5° C for substrate and ambient air.
Temperature of product during application must be > + 10° C.

Drying/Drying Time

Approx. 12 – 48 hours depending on the building moisture, temperature and layer thickness.

Tool Cleaning

with tap (potable) water

Note	<p>Caparol-Akkordspachtel SF "plus" is unsuitable for damp locations. Slight colour differences may occur due to the use of natural fillers. If the surface will remain unpainted after spray application (spatter technique), then we suggest to use material from the same batch number for filling and spray application.</p> <p>If using plaster conveyor equipment, particularly if using new conveyor screws and tubes, abrasion can occur. Please observe the instructions of the respective manufacturers.</p> <p>For spray application on wall areas in spatter technique, recoating with Caparol dispersion (emulsion) paints is recommended to achieve a higher resistance.</p> <p>Air bubbles may appear on compressed, low absorbent substrates. They can be removed by repeated smoothing after having allowed to evaporate for a short time. The proper timing for re-smoothing depends on temperature and air moisture on site. When air bubbles recur (even after re-smoothing), the smoothing process which obviously had been made too early must be repeated. On rough-textured substrates an additional smoothing process may be necessary.</p> <p>On rough-textured substrates an additional smoothing process may be necessary.</p> <p>During the reworking of gypsum-based joint fillers swelling, blister-formation and flaking can occur, due to prolonged exposure to moisture. Hence, it is crucial to take care of an adequate aeration and temperature for a rapid drying process. In Germany: Refer to BFS-Merkblatt 2 „Verspachtelung von Gipsplatten“ Bundesverband der Gips- und Gipsplattenindustrie. For spray application of wall areas in spatter technique, recoating with Caparol dispersion (emulsion) paints is recommended to achieve a higher resistance.</p>
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Advice

German Certificates	Caparol-Akkordspachtel SF "plus" Prüfung auf Entflammbarkeit.
Please Note (Status as at Date of Publication)	Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Do not empty into drains, water courses and onto the ground. Details: See Safety Data Sheet (MSDS).
Disposal	Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures. In Germany: Only completely emptied containers should be given for recycling. Dispose containers with residues of liquid material as remnants of water-based paints and dried material as hardened paints waste or via domestic waste.
Product Code Paints and Enamels	M-DF02
Substances of Content - Declaration	acryl resin dispersion (emulsion), silicates, water, film forming agent, additives, preservatives.
Technical Assistance	As it is impossible to list herein the wide variety of substrates and their specific problems, please request our technical assistance in case of queries. We will describe appropriate working methods, if a substrate not specified above is to be coated.
Customer Service Centre	<p>Tel.: (+49) 0 61 54 / 71 17 10 Fax: (+49) 0 61 54 / 71 17 11 e-mail: kundenservicecenter@caparol.de</p> <p>International Distribution: Please see www.caparol.com</p>

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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. 715 · Caparol-Akkordspachtel SF "plus" · Issued: January 2010

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