

AkkordRollspachtel

Ready-made, paste-like surfacer for interior use, applicable with paint roller.



Product Description

Field of Application

Ready-to-use paste-like levelling compound with very low dead weight, which can be applied with a paint roller and then smoothed down to zero with a smoothing disc or a surface squeegee, as well as for reworking textured plasters, glass fabric, mineral plasters, concrete, plasterboards and plasterboards (plasterboards) etc..

Suitable for achieving surface qualities of quality levels Q3 or Q4 in accordance with the specifications of BVG data sheet no. 2 or BFS data sheet no. 12

Material Properties

- Emission-minimised, solvent-free.
- High adhesion.
- Easy & elegant application and levelling.
- Crack-free drying when applied in thick layers.
- Easy to sand in dry condition and easy to be felted in wet condition.
- Diffusion-capable.
- Water-dilutable, ecologically compatible, low odour.
- Reaction to fire: German classification "schwer entflammbar" (flame-retardant).

Material Base / Vehicle

Synthetic resin dispersion/emulsion according to German standard DIN 55945 and mineral lightweight fillers.

Packaging/Package Size

18 kg plastic bucket

Colours

Natural white.

Tintable to a max. of 5 % with CaparolColor or AmphiColor® (AVA) colourants.

Gloss Level

Matt (flat)

Storage

Keep in a cool, but frost-free place.

Supplementary Product

Füllspachtel P

For damp locations:
 Akkordspachtel KF
 Histolith Renovierspachtel
 Histolith Feinputz

Suitability according to
 Technical Information No. 606
 Definition of Application Areas

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
+	-	-	-	-
(-) inapplicable / (○) of limited suitability / (+) suitable				



Application

Suitable Substrates	<p>The substrate must be sound/stable, dry, and clean and free from all substances that may prevent adhesion. In Germany: Follow VOB, part C, DIN 18 363, section 3. Suitable Substrates Depending on the substrate and its condition, a suitable priming coat must be applied prior to filler/surfacers application. Glossy, stable existing coatings must be roughened beforehand.</p>
Substrate Preparation	<p>Renderers according to DIN EN 998-1 class CS II - CS IV / compressive strength min. 2 N/mm²: Solid, normally absorbent and even renderers can be coated without primer coat. Prime slightly sanding, absorbent renderers with OptiSilan TiefGrund, CapaSol RapidGrund or Syllitol RapidGrund 111. Prime more sanding renderers with OptiSilan TiefGrund.</p> <p>Gypsum plasters according to DIN EN 13279-1 / compressive strength min. 2 N/mm²: Sand and remove dust from gypsum plasters with sintered skin, prime with OptiSilan TiefGrund, CapaSol RapidGrund or Syllitol RapidGrund 111.</p> <p>Gypsum boards/gypsum planks: Priming coat with OptiSilan TiefGrund.</p> <p>Gypsum boards (plasterboard): Sand off filler burrs. Prime sanded gypsum filler areas and the gypsum boards with OptiSilan TiefGrund, CapaSol RapidGrund or Syllitol RapidGrund 111. In case of stronger absorption, prime with OptiSilan TiefGrund. For boards with water-soluble, discolouring ingredients, prime with Caparol AquaSperrgrund. Observe BFS Data Sheet No. 12, Part 2.</p> <p>Concrete: Remove any release agent residues and chalking, sanding substances. Prime with OptiSilan TiefGrund, CapaSol RapidGrund or Syllitol RapidGrund 111.</p> <p>Sand-lime masonry: Dry brush off existing salt efflorescence. Prime with CapaSol RapidGrund or Syllitol® Rapidgrund 111. In case of stronger absorption, prime with OptiSilan TiefGrund.</p> <p>Load-bearing coatings: Recoat matt, slightly absorbent coatings directly. Roughen glossy surfaces and paint coatings.</p> <p>Non-bearing coatings: Remove non-stable varnish and dispersion paints or synthetic resin plaster coatings. Prime coarsely porous, sanding or absorbent surfaces with OptiSilan TiefGrund. Remove non-bearing mineral paint coatings mechanically and remove dust from the surfaces. Apply one priming coat of OptiSilan TiefGrund.</p> <p>Glue-Bound Distemper (Limewater Colour/Paint): Wash off the existing distemper very thoroughly, allow to dry and prime with Dupa-Putzfestiger. Alternatively, remove mechanically, rinse and prime with OptiSilan TiefGrund.</p> <p>Woodchip, relief or embossed wallpapers made of paper and sample wallpapers: Coat without pre-treatment. For relief and embossed wallpapers made of paper as well as sample wallpapers, apply a trial coat. Foamed wallpapers may cause intermediate reactions (stickiness, odour) when coated.</p> <p>Removed wallpaper: Wash off paste and waste paper residues. Apply one priming coat of OptiSilan TiefGrund.</p> <p>Mould-infested surfaces: Remove mould by wet cleaning. Wash surfaces with Capatop and allow to dry thoroughly. Observe the legal and official regulations (e.g. the Biological Substances Ordinance and the Ordinance on Hazardous Substances). Increased protection against renewed infestation can be achieved with the products Malerit-W, Indeko-W and Fungitex-W.</p> <p>Surfaces with nicotine, water, soot or grease stains: Wash off nicotine stains as well as soot or grease stains with water, adding a grease-dissolving cleaning agent, and allow to dry thoroughly. Clean dried water stains by brushing dry. Apply a barrier priming coat of Caparol AquaSperrgrund fein (see Technical Information No. 384) or Caparol-Filtergrund grob (see Technical Information No. 845).</p> <p>Wood and wood-based materials: Apply one priming coat of Capacryl Holz-Isogrund. On boards factory-coated with melamine resin, apply one priming coat of Capacryl-Haftprimer. The joint areas/ panel joints are not to be finished crack-free. Here, for higher visual requirements, a decoupling layer with thin gypsum boards with appropriate filling is recommended.</p> <p>Old lime filler techniques: Remove sintered layer on the surface by sanding. In case of negative wetting test with water on sanded surface, the entire lime filler layer must be removed and the substrate must be rebuilt accordingly. In case of positive wetting test with water on sanded surface, prime with OptiSilan TiefGrund.</p> <p>Chips, joints and defects: Fill the recess with Füllspachtel P.</p>
Method of Application	<p>Roller application: With a paint roller, stainless steel smoothing trowel or spray application.</p>

Note Q2/Q3 Filling / thin gypsum layers < 0.5 mm: When using gypsum-containing, hydraulically setting levelling compounds in quality level Q2/Q3, a transparent, water-based primer is recommended. For this, we refer to the Maler&Lackierer leaflet No. 2 -9/2020 "Adhesion problems of coatings on filled gypsum (cardboard) boards" of the Bundesverband Farbe, Gestaltung, Bautenschutz and the Bundesausschuss Farbe und Sachwertschutz. As an alternative to gypsum-based Q3 filling, filling with pasty filling compounds has proven successful.

Stir AkkordRollspachtel well before use and apply with a standard paint roller (13 - 16 mm pile height) and spread evenly. Smooth immediately when wet with a smoothing trowel or surface squeegee. For larger areas, it is advisable for one person to apply the material and for one person to smooth immediately wet-on-wet. After drying, wet and felt or sand dry.

Hand application:

Stir well before application and apply with a stainless steel smoothing trowel.

Suitable spraying equipment:

The filler can be applied with plaster delivery devices and with powerful airless devices. The delivery distance of the product depends on the performance of the airless equipment and can be obtained from the equipment manufacturer.

Remove all filters from airless guns.

Spray guns with a higher flow rate recommended by the respective manufacturer should be used as airless guns for fillers. Depending on the performance capacity of the airless device, temperatures below +10 °C may restrict delivery due to slight changes in the viscosity of the filler. A material temperature of +10 °C must be ensured for these devices.

Spray application:

Coating is efficient and economical, especially in conjunction with spraying equipment on wall and ceiling surfaces.

Work sequence:

Supply the appliance with filler. We recommend using a material hopper. Full-surface, saturated spray application with filler, undiluted, and immediate smoothing with a suitable steel trowel. The filler can be sanded after drying. Sanding meshes such as Abranet from Mirka or GranatNet from Festool with a grain size of 120 enable more effective work performance.

Suitable spraying equipment:

The filler can be applied with plaster delivery devices and with powerful airless devices. Airless spray guns recommended by the respective manufacturer should be used for putty. These guns have a higher flow rate and make it much easier to apply the filler, and stirring with a stirrer is recommended for buckets.

Airless Heavy Coat	
Spray pressure	150 - 180 bar
Spray angle	40° - 50°
Nozzle size in inches	0,035" - 0,043"
Remove gun plug-in filter in MW	Remove
Spraying with airless devices*	
Nozzle size in inches	4mm
Spray pressure	50 bar
Air support	yes
Plaster spraying systems	
Nozzle size	4 - 10 mm
Betriebsdruck	depending on device type
Delivery rate	>6l/min
Luftunterstützung	yes

* Device-dependent spray head required

Spray application with speckling:

The coating and sprinkling of wall and ceiling surfaces made of e.g. prefabricated concrete components, smoothly formed in-situ concrete and aerated concrete as well as plasterboards and gypsum boards using the thin plaster method with powerful sprayers is efficient and economical.

Work sequence:

Connect the sprayer to the container using the connection tap available from us and a corresponding connection hose. Full-surface, saturated spray application with filler, undiluted and immediate smoothing with a suitable steel trowel.

After drying, the filler can be wet-felted or dry-sanded. After the surface has dried thoroughly, it can be sprinkled with Ratio filler in a fine to coarse texture. The texture can be varied depending on the degree of dilution and the nozzle width used. The sprinkle application can be left untreated on ceiling surfaces. On substrates that have not yet reached their leveling moisture content, partial light-dark fluctuations may be noticeable after the speckle application. A leveling coat is recommended here.

Work team and performance:

A spraying crew consists of a team of 2-3 workers. One member of the team applies the material in a uniform layer thickness with the spraying device, 2 employees pull off the applied material evenly and then smooth the surface.

Special processing instructions for leveling and sprinkling:

For larger rooms, first smooth the ceiling before the wall surfaces can be sprayed. In this case, however, the upper part of the wall surfaces (the so-called head) should also be sprayed and smoothed up to a height that can be reached from the floor. The lower part of the wall surfaces is then sprayed and also smoothed.

If only the ceiling surface is to be treated, it is advisable to spray a border away from the wall surfaces first and then spray the surface. After smoothing and slight drying, smooth all corners with a wet radiator brush. Remove bubbles after slight drying by smoothing again, repeat if necessary. Fill existing nests by hand.

After the filler has dried thoroughly, block rust penetrations with a suitable anti-corrosion primer, e.g. Capalac AquaMulti Primer, by stippling. Then apply a coat of paint.

Insert reinforcement fleece:

Observe the information in the Technical Information for Capaver AkkordVlies G45 SP

Surface Coating System

Reworking the levelled surface with:

Paint / plastic compounds (plasters):

Smoothed surfaces can be coated with all suitable Caparol dispersion and latex paints or Capacryl acrylic paints after thorough drying.

Before further treatment with Syllitol® interior paints, Syllitol® renders, a priming coat of Caparol-Haftgrund EG, CapaSol Konzentrat in appropriate dilution or CapaSol RapidGrund is recommended. Priming with Putzgrund 610 is required for subsequent dispersion plasters.

Glass-cellulose polyester wall coverings for subsequent coating:

Smoothed surfaces can be coated with glass fibre and cellulose polyester wall coverings once they are thoroughly dry. This requires a priming coat of Caparol-Haftgrund EG.

Surface-finished, highly diffusion-blocking or diffusion-tight wall coverings:

At least Akkordspachtel KF must be used. The technical specifications of the wall covering manufacturer must also be observed.

Consumption

Approx. 1.2 kg/m² per mm of layer (coating) thickness.

Application Conditions

Lower Temperature Limit for Application and Drying:

+5 °C for product, substrate and ambient air.

Drying/Drying Time

Dries in approx. 12 - 48 hours, depending on building moisture, temperature and layer/coating thickness.

Note

Do not use AkkordLeichtspachtel for damp locations. Slight colour differences may occur due to the use of natural fillers.
 Dense/compact substrates with low absorbency may cause the forming of fine air pockets (blistering). After a short flash-off (airing) time they may be removed by repeated smoothing. The point in time is depending on temperature and humidity on site. If fine air pockets reappear, the procedure has to be repeated.
 On coarse, roughly textured substrates it may be necessary to repeat the surfacing procedure to obtain a smooth/even surface.
 When reworking gypsum containing fillers/surfacers a long-lasting exposure to moisture may cause swelling, blistering or spalling. Hence, ensure for quick drying by proper ventilation and sufficient temperature.
 In Germany: Follow Data Sheet No. 2 "Filling Plasterboards", issued by German Federation of the Plasterboards Industry.

Advice

Please Note (Status as at Date of Publication)

Keep out of reach from children. May cause an allergic skin reaction. If medical advice is needed, have product container or label at hand. Keep out of 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. Take off contaminated clothing and wash it before reuse. Contains: 1,2-benzisothiazol-3(2H)-one, 2-methylisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
 In Germany: Advice for allergy sufferers with isothiazolinone allergy: Hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute).
 Further information: See Material 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 empty containers should be handed in for recycling. 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.

EU limit value for the VOC content

of this product group: non-existent. This product contains < 1 g/l VOC.

Product Code Paints and Enamels

M-DF01 (Germany)

Substances of Content - Declaration

Polyacrylate resin, calcium carbonate, silicates, titanium dioxide, water, additives, preservatives (methyl-/benzisothiazolinone).

TECHNICAL INFORMATION NO. 718

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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.718 · AkkordRollspachtel · Issued: April 2022

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