

Caparol AkkordLeichtspachtel

Lightweight synthetic resin filling compound (surfacel)
for interior use



Product Description

Field of Application	<p>Paste-like, lightweight synthetic resin filling compound, ready-to-use for spray and trowel application. Suitable for applying a high layer thickness, but can also be spread out nearly to the base level. The material may be used to achieve surface qualities of quality classes Q3 or Q4 corresponding with specification given in German BVG Data Sheet No. 2 and BFS Data Sheet No. 12. Also suitable for revising textured renders/plasters or glass fabrics in thin-layer plastering technique or in combination with suitable glass non-woven (fleece), e.g. Capadecor AkkordVlies-SP.</p> <p>Highly efficient/economic when spray applied with high power airless equipment on walls and ceilings, e.g. on mineral renders/plasters, precast concrete elements, in-situ concrete, concrete blocks, and autoclaved aerated concrete, gypsum plaster boards (sandwich type plaster boards), gypsum wall boards, etc.</p>
Material Properties	<ul style="list-style-type: none"> ■ High adhesive strength ■ Easy to apply and to smoothen ■ Dries without cracking tendency, even at a higher layer thickness ■ Sanding is possible in dry condition; can be felted in wet condition ■ Diffusion-capable ■ Water-thinnable, ecologically compatible, low odour ■ Hardly combustible/flame-retardant (B1) according to German standard DIN 4102
Material Base / Vehicle	Synthetic resin dispersion/emulsion to DIN 55945.
Packaging/Package Size	<p>18 kg plastic bucket</p> <p>20 kg PE bag</p>
Colours	<p>Natural white</p> <p>Can be tinted up to max. 5% with CaparolColor or Amphibolin colourants. Quantities of 2,000 kg or more in individual pastel shades may be ordered ready-tinted from the factory.</p>
Gloss Level	Matt
Storage	Keep in a cool, but frost-free place.
Supplementary Product	<p>Caparol-Füllspachtel P</p> <p>For damp locations: Histolith Renovierspachtel Histolith Feinputz Capatect-Feinspachtel 195 Capatect ArmaReno 700</p>



Application

Suitable Substrates	The substrate must be sound/stable, dry, clean, and free from all materials that may prevent good adhesion. In Germany: Follow VOB, part C, DIN 18363, paragraph 3.
Substrate Preparation	Apply a suitable priming coat before surfacer application, depending on substrate requirements (see Technical Information No. 650). Roughen glossy, sound existing coatings previously.
Method of Application	Hand or spray application is possible. Planar Surfacing (Hand Application): Stir well before use and apply with a stainless steel trowel (smoothing trowel). Allow to dry, then pre-wet and treat with a felt float or sand in dry condition. When suitable glass non woven (glass fleece; weight: approx. 40 g/m ²) is used, then apply a sufficient quantity of material generously in the width of 2 to 3 webs and treat with a square-notched stainless steel trowel (4 x 6 x 4 mm or 6 x 6 x 6 mm). Place the fleece and press on evenly with a stainless smoothing trowel, but do not press on in a 5 cm border area to the next web. Apply the next glass fleece web with an overlap of approx. 5 cm and press on, except the overlapping joint area. Cut the joint with a cutter (double joint cut) and press on. Remove extruding material with a moistened cloth. Sand protrudent joint areas carefully (only slightly) before starting with subsequent treatment. Caparol AkkordLeichtspachtel is highly suitable for full surface trowel application on gypsum plasterboards, because the material may be spread nearly to the base level. The material may also be used for reinforcing bevelled joints of gypsum plasterboards and wallboards (GKB according to DIN 18180) in combination with a paper or glass fiber reinforcement tape. Trowel application is effected, when variations in length (due to temperature or moisture loads) are excluded. Minimum room temperature for application: +10 °C Fill Caparol AkkordLeichtspachtel into the joint, insert the reinforcement tape and cover with Caparol AkkordLeichtspachtel H. Allow to dry and recoat with Caparol AkkordLeichtspachtel. Prefill joints with a joint width of more than 3 mm. Spray Application: Apply undiluted Caparol AkkordLeichtspachtel generously over the full surface and level immediately with a suitable smoothing trowel. Allow to dry, then pre-wet and treat with a felt float or sand in dry condition. Suitable Spraying Equipment: Caparol-Akkordspachtel is applied with render/plaster conveyer or high power airless equipment. When airless guns are used, all filters should be removed. Well-proven nozzle size: 0.035" – 0.052", depending on the used spray gun. Spray guns with a higher discharge, recommended by the respective manufacturer, can be used as airless guns for an easier surfacer application. Pressure: approx. 150 – 180 bar. For optimised application conditions a minimum temperature limit of +10 °C is required.
Surface Coating System	Subsequent Treatment: Allow levelled surfaces to dry thoroughly. When Caparol-AkkordLeichtspachtel is primed with Caparol-Haftgrund or CapaSol, then the surface is recoatable with all suitable Caparol dispersion/emulsion and latex paints, Sylitol Bio-Innenfarbe (Interior Paint) or Capacryl acrylic enamels, synthetic plastic materials or with textile wall coverings and wallpapers. Apply a priming coat of Putzgrund 610 before applying synthetic resin (organic) renders/plasters.
Consumption	Approx. 1.2 kg/m ² per mm of layer thickness
Application Conditions	Lower Temperature Limit for Application and Drying: +5 °C for material, substrate and ambient air. > +10 °C for material during application.
Drying/Drying Time	Dries in approx. 12 – 48 hours, depending on building moisture, temperature and layer thickness.
Note	Do not use Caparol-AkkordLeichtspachtel in 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. 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, rough-textured substrates it may be necessary to repeat the surfacing procedure to achieve a smooth, even surface. Ensure for quick drying proper ventilation and temperature. When applying on gypsum containing fillers/surfacers a long-lasting exposure to moisture may cause swelling, forming of air pockets or spalling. In Germany: Follow Data Sheet No. 2 "Filling Plasterboards" of the German Federation of the Plasterboards Industry.

Advice

German Certificates

Caparol AkkordLeichtspachtel Testing for flame-retardancy.

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. Do not empty into drains, water courses and onto the ground. Further information: 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

Acrylic resin dispersion/emulsion, calcium carbonate, silicates, water, film-forming agent, additives, preservative agent

Technical Assistance

Alle in der Praxis vorkommenden Untergründe und deren anstrichtechnische Behandlung können in dieser Druckschrift nicht abgehandelt werden. Sollen Untergründe bearbeitet werden, die in dieser Technischen Information nicht aufgeführt sind, ist es erforderlich, mit uns oder unseren Außendienstmitarbeitern Rücksprache zu halten. Wir sind gerne bereit, Sie detailliert und objektbezogen zu beraten.

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