

RF-Finish

Filling, matt interior paint with good touch-up properties.

Product Description

Field of Application:

Due to its special formula, RF-Finish is particularly suitable for coating wood-chip wall papers on walls and ceilings, gypsum plasterboards, renders/plasters and all other usual interior substrates. Equalises butt joints of wall papers due to the high filling capacity.

Properties:

- Solvent-free and free of plasticisers.
- Excellent hiding power so that in most cases one uniform coat is sufficient.
- Diffusion-capable.
- s_d -value < 0.1 m.
- Good touch-up properties.
- Easy to apply.
- Water-thinnable.
- Equalises joints of wood-chip wall papers.
- Free of fogging-active substances.

Characteristics to DIN EN 13 300:

- **Wet abrasion:**
Class 3, corresponds as wash-resistant to DIN 53 778.
- **Contrast ratio:**
Opacity (hiding/covering power) class 1, with a yield of 6 m²/l or 150 ml/m².
- **Gloss level:** Matt (dead flat/matt)
- **Maximum particle size:**
Fine (<100 µm)

Tinting may cause variations.

Vehicle:

Synthetic resin dispersion to DIN 55 945.

Density:

Approx. 1.5 g/cm³

Certificate:

The Fraunhofer Wilhelm-Klauditz-Institute (WKI) has audited the inoffensive application for interior use. The material is certified with TÜV quality mark "pollutant tested / supervised manufacturing process". German certificate is available on request.

Colour:

White.

RF-Finish can be tinted with CaparolColor or AVA – Amphibolin colourants.

Self-tinted material must be prepared in advance and mixed in order to avoid colour differences.

RF-Finish can be tinted via the ColorExpress tinting machine system according to CaparolColor colour collection in pastel tints up to luminosity 70 (approx.). Quantities of 100 litres or more of individual shades may be ordered ready tinted from the factory.

Brilliant, intensive tints may show a lower coverage. It is therefore recommended to apply a first coat in a similar hiding pastel tint, based on white. A second finishing coat may be necessary.

Please Note (Status as at March 2009):

Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water. Do not breathe spray dust. Do not empty into drains, water courses and onto the ground. Further information: See Safety Data Sheets.

Storage:

Cool, but frost-free.

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-DF01

Substances of Content - Declaration:

Polyvinyl acetate resin dispersion, titanium dioxide, silicates, calcium carbonate, water, additives, preservative.



Packaging

Standard Product:

12.5 litres

RF-Finish Airfix

Ready to use for efficient roller and spray application with airless equipment.

25 litres hobbcock

120 litres paint barrel

220 litres Quick-Box



Application

Surface Coating System:

One uniform, generously applied coat of RF-Finish, undiluted or diluted with max. 5% of tap (potable) water. High-contrast surfaces or substrates with high or irregular absorbency may require a previously applied first coat (undercoat), max. 5% diluted with tap water.

Methods of Application:

Apply with brush, paint roller or airless equipment.

Airless application:

Spray angle: 50°
Nozzle size: 0.021" – 0.026"
Spray gun pressure: 150 – 180 bar

Clean tools immediately after use with water.

Consumption:

Approx. 150 ml/m² per coat, depending on the texture of wood-chip wall papers. The exact rate of consumption is best established by a trial application.

Lower Temperature Limit for Application and Drying:

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

Drying Time:

At +20 °C and 65% relative humidity: surface-dry and recoatable after 4 - 6 hours. Thoroughly dry and ready for stress after approx. 3 days. Lower temperatures and higher relative humidity extend the drying time.

Note:

To avoid lapping, the material should be applied wet-on-wet and without interruptions. Stir and sieve the paint well before airless application. The use of CapaSilan is recommended for coats on surfaces subjected to adverse light conditions (sidelight). Due to the use of Caparol-Tiefgrund TB in the interiors, a typical solvent odour may be released, hence proper ventilation must be provided during the application and drying. Use non-aromatic, low-odour AmphiSilan-Putzfestiger in sensitive areas.

Suitable Substrates and their Preparation

The substrate must be sound, dry, clean, and free from all materials that may prevent good adhesion.

In Germany: Follow VOB, part C, DIN 18 363, paragraph 3.

Renderers/Plasters:

Class P II Lime-Cement Mortars

Class P III Cement Mortars:

Firm renderers/plasters with normal absorbency require no preliminary treatment. Prime highly porous, sanding or absorbent renderers/plasters with OptiGrund E.L.F. or CapaSol LF.

Gypsum and Ready-Mixed Gypsum Plasters of Mortar Group P IV:

Priming coat with Caparol-Haftgrund. Sand sintered gypsum renderers/plasters, remove dust, and prime with Caparol-Tiefgrund TB.

Gypsum Building Boards:

Prime absorbent boards with OptiGrund E.L.F. or Caparol-Tiefgrund TB. Prime highly compacted, smooth boards with Caparol-Haftgrund to promote bonding.

Gypsum Plaster Boards:

Grind off putty burrs. Soft and roughened gypsum areas (repairs) must be primed and strengthened with Caparol-Tiefgrund TB. Prime with Caparol-Haftgrund, OptiGrund E.L.F. or CapaSol LF. Boards containing water-soluble and discolouring substances must be primed with Caparol AquaSperrgrund fine. In Germany: Follow BFS Data Sheet No. 12.

Concrete:

Remove remnants of release agents and loose chalking or sanding material.

AAC:

Prime autoclaved aerated concrete with a 1 : 3 mixture of Capaplex and tap water.

Fair-Faced Brick and Sandlime Brick Masonry:

No preliminary treatment required.

Sound Existing Coatings:

Matt, slightly absorbent coatings may be treated without a preliminary preparation. Roughen glossy surfaces and coatings of enamels/varnishes. Prime with Caparol-Haftgrund.

Unsound Existing Coatings:

Remove unsound coatings of enamels, varnishes, dispersion paints or synthetic resin-bound renderers/plasters completely. Prime slightly absorbent, smooth surfaces with Caparol-Haftgrund. Prime highly porous, sanding or absorbent substrates with OptiGrund E.L.F. or CapaSol LF. Remove unsound mineral coatings by mechanical means and remove dust. Prime with Caparol-Tiefgrund TB.

Distemper Paints:

Wash off the coating completely and prime with Caparol-Tiefgrund TB.

Unpainted Wood-Chip, Ingrain or Embossed Wallpapers:

No preliminary treatment required.

Non-Adherent Wallpapers:

Remove the wallpapers completely and wash off glue and remnants of lining. Prime the substrate with Caparol-Tiefgrund TB.

Mildewed Surfaces:

Remove mildew/mould attack by wet cleaning, then treat the surface with Capatop or Fungitex-W and allow to dry well. Prime according to the type and condition of the substrate. Apply a finishing coat of Indeko-W, Malerit-W or Fungitex-W on badly infested surfaces in compliance with legal and official regulations (follow e.g. Biocidal Products Directive and Ordinance on Hazardous Substances).

Surfaces Stained by Nicotine, Water, Soot or Fat/Grease:

Remove nicotine, soot or fat/grease stains by washing with tap water adding a grease-dissolving household cleaning agent, then allow the substrate to dry well. Clean dried-up water stains by dry brushing. Apply an insulating coat of Caparol AquaSperrgrund fine (Technical Information No. 384). Apply a finishing coat of Caparol IsoDeck on highly soiled surfaces (Technical Information No. 848).

Wood and Derived Timber Products:

Coat with the water-thinnable, ecologically compatible Capacryl acrylic enamels or Capacryl PU enamels.

Small Defects:

After having completed the necessary preparations, repair small defects with Caparol-Akkordspachtel in accordance with our application instructions, and if necessary, prime subsequently.

Advice

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:

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e-mail: kundenservicecenter@caparol.de

International Distribution:

Please see www.caparol.com

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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. 329 RF-Finish - Issued: February 2009

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