

Caparol-SeidenLatex

Approved quality for satin-finished interior paint coatings.



Product Description

Field of Application	<p>For heavy-duty, scrub-resistant and texture preserving interior paint coatings with a semi-gloss surface. Particularly suitable for surfaces subjected to excessive wear, e.g. in schools, hospitals, play rooms, public buildings, offices, halls, hotels, restaurants, staircases, etc., since the coating is hard-wearing and may easily be cleaned.</p> <p>In addition, the product is particularly suitable for coating wood-chip wallpapers, ingrain and embossed wallpapers, as well as for Capaver glass fabric wall coverings to highlight the texture by a silky gloss.</p>
Product Properties	<ul style="list-style-type: none"> ■ Water-thinnable, ecologically compatible, low odour. ■ High degree of whiteness. ■ Diffusion-capable. ■ s_d-value < 0.3 m ■ Excellent cleaning properties and resistant to aqueous disinfectants and household cleaning agents. ■ Easy to apply. ■ Alkali resistant, therefore unsaponifiable.
Product Base / Vehicle	Synthetic latex to DIN 55 945.
Packaging/Package Size	<ul style="list-style-type: none"> ■ Standard Products: 2.5 l, 5 l and 12.5 l ■ Off-white: 12.5 l ■ Airfix: 25 l, 120 l and 220 l ■ ColorExpress: 2.5 l, 7.5 l and 12.5 l
Colours	<p>White and Off-white.</p> <p>Caparol-SeidenLatex can be tinted with CaparolColor or Amphibolin colourants. If more than one can/bucket is manually tinted, all product must be thoroughly mixed before use in order to avoid colour differences. Quantities of 100 litres or more in individual colour shades may be ordered ready-tinted ex factory.</p> <p>SeidenLatex can be tinted to all current colour collections via the ColorExpress tinting machine system. Check tinted product prior to the application to avoid colour differences. Always use tinted product of the same batch, when applying on continuous surfaces. Brilliant, intensive colour shades may have a lower opacity (hiding/covering power). It is therefore advisable to apply a first coat in a similar hiding pastel tint, based on white. Possibly a second finishing coat may be necessary.</p>
Gloss Level	Satin-finished
Storage	Keep in a cool, but frost-free place.



Technical Data

Characteristics to DIN EN 13 300:

Tinting may cause variations.

- Wet scrub resistance: Class 2, corresponds to "scrub resistant" to DIN 53 778.
- Contrast ratio: Opacity class 2, with a yield of 7 m²/l or 140 ml/m².
- Maximum particle (grit) size: Fine (<100 µm)
- Density: Approx. 1.3 g/cm³

Application

Suitable Substrates

The substrate must be sound, dry, clean, and free from all materials that may prevent good adhesion. In Germany: Follow VOB, part C, DIN 18363, paragraph 3.

Substrate Preparation

Renderers/Plasters Class P II Lime-Cement Mortars Class P III Cement Mortars:

Solid 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 Mortars and Ready-Mixed Gypsum Renderers/Plasters (Mortar Group P IV):

Prime with Caparol-Haftgrund. Grind sintered gypsum renderers/plasters, then 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.

Gypsum Plaster Boards:

Grind off burrs. Soft and roughened gypsum areas (spots of repairs) must be primed and strengthened with Caparol-Tiefgrund TB. Prime with Caparol-Haftgrund, OptiGrund E.L.F. or with CapaSol LF. For boards with water-soluble content that leaves marks, apply a priming coat with Caparol AquaSperrgrund. In Germany: Follow BFS Data Sheet No. 12.

Concrete:

Remove any 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 or Sand-Lime Brick Masonry:

Coat without pre-treatment.

Sound Existing Coatings:

Matt, slightly absorbent coatings may be coated without any preliminary treatment. Roughen glossy coatings and enamels. Prime with Caparol-Haftgrund.

Unsound Existing Coatings:

Remove unsound coatings of enamels, 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 coatings of mineral paints by mechanical means and remove dust. Prime with Caparol-Tiefgrund TB.

Distemper Paints:

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

Unprimed Woodchip/Ingrain Wallpapers, Relief/Embossed Wallpapers:

Coat without pre-treatment.

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 mould/mildew attack by wet cleaning, then treat the surface with Capatox or FungiGrund 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:

Wash off nicotine, soot or fat/grease stains with water and a fat-dissolving household cleaning agent, and allow the surface to dry well. Clean dried up water stains with a coarse scrubbing or brass wire brush. Prime with insulating Caparol AquaSperrgrund .

Wood and Derived Timber Products:

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

Small Defects:

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

Method of Application	Apply with paint brush, roller and spraying equipment. Airless Application: Spray angle: 50° Nozzle size: 0.017"–0.019" Spray pressure: 180–200 bar Stir and sieve well before applying. Clean tools immediately after use with water.
Surface Coating System	Priming or Intermediate Coat: Caparol-SeidenLatex diluted with up to 10% with tap (potable) water. Finishing Coat: Caparol-SeidenLatex diluted with up to 5% with tap (potable) water.
Consumption	Approx. 140 ml/m ² per coat on a smooth substrate. On rough-textured surfaces correspondingly more. The exact rate of consumption is best established by a trial coating.
Application Conditions	Lower Temperature Limit for Application and Drying: +5 °C for product, substrate and ambient air.
Drying/Drying Time	At 20 °C and 65% relative humidity surface-dry and recoatable after 4–6 hours. Cured and ready for stress after approx. 3 days. Lower temperatures and higher humidity extend the drying time.
Note	To avoid lapping, the material should be applied wet-on-wet and without interruptions. When using Caparol-Tiefgrund TB in the interiors, a typical solvent odour is released, hence proper ventilation must be provided during application and drying. Use non-aromatic, low-odour AmphiSilan-Putzfestiger in sensitive areas. Traces of repairs on the surfaces are depending on many parameters and may be visible after drying. (In Germany: See BFS Data Sheet No. 25)

Advice

Please Note (Status as at Date of Publication)	Keep out of reach from children. Use P2 dust filter for grinding. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the paint. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water. Do not inhale spray dust. Use dust collector A2/P2. Further information: See Material Safety Data Sheets (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 re-moving wastage from site in compliance with standard construction site procedures. 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.
EU limit value for the VOC content	dieses Produktes (Kat. A/a): 30 g/l (2010). Dieses Produkt enthält max. 30 g/l VOC.
Product Code Paints and Enamels	M-DF02
Substances of Content - Declaration	Acrylic resin dispersion, titanium dioxide, silicates, water, additives, film forming agent, preservative.
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	Tel.: (+49) 0 61 54 / 71 17 10 Fax: (+49) 0 61 54 / 71 17 11 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. 327 · Caparol-SeidenLatex · Issued: January 2010

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