

SeidenLatex

Emission-minimised quality for satin-finished interior paint coatings.



Product Description

Field of Application	<p>For highly durable, scrub-resistant and texture-retaining interior paint coatings with a satin-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 woodchip/ingrain wallpapers, relief and embossed wallpapers, as well as for glass fabric wall coverings to highlight the texture by a silky gloss.</p>
Material Properties	<ul style="list-style-type: none"> ■ Water-dilutable, 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 detergents. ■ Easy to apply. ■ Alkali resistant, hence unsaponifiable.
Material Base / Vehicle	Synthetic latex according to German standard DIN 55945.
Packaging/Package Size	<ul style="list-style-type: none"> ■ Standard Products: 2.5 l, 5 l, 10 l and 12.5 l. <u>Airfix:</u> 25 l hobcock ■ Off-White (Altweiß): 12.5 l ■ ColorExpress: 2.5 l, 5 l, 7.5 l and 12.5 l
Colours	<p>White and Off-White.</p> <p>SeidenLatex can be tinted with CaparolColor or AmphiColor® (AVA) colourants. If more than one 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>The product is tintable to all current colour collections via the ColorExpress tinting & mixing machine system. Check tinted paint before applying to avoid colour differences. Always use paint of same batch, when applying on seamless surfaces. If colour shades of low opacity are used, e.g. Red, Orange or Yellow, it is advisable to previously apply one priming coat of Caparol Haftgrund, tinted via ColorExpress technique in a matching priming system colour. Possibly a second finishing coat may be necessary.</p>
Gloss Level	Satin-gloss/satin-finished (mid sheen according to DIN EN 13 300)
Storage	Keep in a cool, but frost-free place.



Technical Data

Characteristics according to DIN EN 13 300: Tinting may cause variations.

- Wet abrasion: Wet scrub resistance Class 2, corresponds to "scrub resistant" as per German standard DIN 53778
- Contrast ratio: Opacity (hiding/covering power) Class 2, with a spreading rate of 7 m²/l (consumption: 140 ml/m²)
- Maximum particle (grit) size: Fine (< 100 µm)
- Density: Approx. 1.3 g/cm³

Supplementary Product

Disbopur 458 PU-AquaSiegel: The mechanical and chemical stressability of product is significantly enhanced by two additional sealing coats of Disbopur 458 PU-AquaSiegel. Application is only possible for light (pastel) shades of luminosity/lightness index (LI) approx. 100 - 60. Protective sealing leads to a considerably matt (flat) surface and slight colour deviation may occur. Particularly on Capaver® glass fabrics highly stressable surfaces can be achieved. A slight yellowing may occur, if glass fabrics of other manufacturers are used.

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

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

Application

Suitable Substrates

The substrate must be clean, sound/stable, dry, and free from all substances that may prevent good adhesion. Germany: Follow VOB, part C, DIN 18363, section 3.

Substrate Preparation

Interior Plasters: Class PII (Lime-Cement Mortars), Class PIII (Cement Mortars) / Minimum Compressive Strength according to DIN EN 998-1: 2 N/mm²:
Solid plasters with normal absorbency require no preliminary treatment. Prime highly porous, sanding or absorbent plasters with OptiGrund or CapaSol.

Gypsum Mortar and Ready-Mixed Gypsum Plasters of Mortar Group/Class PIV / Minimum Compressive Strength according to DIN EN 13279: 2 N/mm²:
Prime with Caparol Haftgrund. Sintered gypsum plasters: Sand/grind off sintered skin, then remove dust and prime with Caparol Tiefgrund TB.

Gypsum Wallboards:

Prime absorbent boards with OptiGrund or Caparol Tiefgrund TB. Prime highly compact, smooth boards with Caparol Haftgrund to enhance adhesion.

Gypsum Plasterboards (Sandwich-Type Plaster Boards/Drywalls):

Sand/grind off filler (mortar) burrs. Prime and strengthen soft gypsum areas (repair patches) with Caparol Tiefgrund TB. Prime with Caparol Haftgrund, OptiGrund or CapaSol. Boards with content of water-soluble, discolouring substances that leave marks must be primed with AquaSperrgrund. Germany: Follow BFS-Merkblatt (Data/Fact Sheet) No. 12.

Concrete:

Remove any residues of parting agent (formwork oil residues) and chalking or sanding substances.

Autoclaved Aerated Concrete (AAC) / Cellular Concrete:

Prime with a 1 : 3 mixture of Capaplex and tap (potable) water.

Facing Brickwork and Fair-Faced Sand-Lime Brick Masonry:

Coat without pre-treatment.

Sound/Stable Existing Coatings:

Directly rework matt, slightly absorbent coatings. Roughen/sand glossy surfaces and enamel/varnish coatings. Apply one priming coat of Caparol Haftgrund.

Unstable Existing Coatings:

Remove unstable coatings of enamel/varnish, emulsion paint or synthetic (organic) plaster. Prime slightly absorbent, smooth surfaces with Caparol Haftgrund. Prime highly porous, sanding or absorbent substrates with OptiGrund or CapaSol. Remove unstable coatings of mineral paint by mechanical means and remove dust. Prime with Caparol Tiefgrund TB.

Glue-Bound Distemper (Limewater Colour/Paint):

Wash off existing distemper very thoroughly, allow to dry and prime with Caparol Tiefgrund TB.

Unpainted Woodchip/Ingrain, Relief or Embossed Wallpapers (made of Paper):

Coat without pre-treatment.

Non-Adherent Wallpapers:

Remove the wallpapers completely and wash off all residues of wallpaper paste/glue and waste paper. Prime the substrate with Caparol Tiefgrund TB.

	<p>Mildewed/Mouldy Surfaces: Remove fungal (fungi/mildew/mould) attack by wet cleaning/scrubbing. Then use Capatox or FungiGrund and allow to dry thoroughly. Prime according to the type and condition of the substrate. Apply a finishing coat of Indeko-W, Malerit-W or Fungitex-W on strongly infested surfaces, in compliance with legal/local and official regulations (follow e.g. Ordinance of Biocidal Agents and Ordinance on Hazardous Substances).</p> <p>Surfaces Stained by Nicotine, Water, Soot or Fat/Grease: Wash off nicotine, soot or fat/grease stains with tap water, adding a fat-dissolving household cleaning agent/detergent, then allow the substrate to dry thoroughly. Clean dried-up water spots/stains with a dry scrubbing brush. Prime with insulating AquaSperrgrund.</p> <p>Wood and Derived Timber Products: Coat with ecologically compatible, water-dilutable (waterborne) Capacryl acrylic or Capacryl PU enamels.</p> <p>Small Defects: After having completed the necessary preparations, repair small defects with Caparol-Akkordspachtel in accordance with our processing specification, and if necessary, prime subsequently.</p>
Method of Application	Apply with paint brush, roller and spraying equipment.
Surface Coating System	<p>Airless Application: Spray angle: 50 °; Nozzle size: 0.017" - 0.019"; Spray pressure: 180 - 200 bar. Stir and sieve well before applying. Clean tools/equipment immediately after use with water.</p> <p>Priming or Intermediate Coat: SeidenLatex, diluted to a max. of 10 % with tap (potable) water.</p> <p>Finishing Coat: SeidenLatex, diluted to a max. of 5 % with tap (potable) water.</p>
Consumption	Approx. 140 ml/m ² per coat on smooth substrates. On roughly textured surfaces correspondingly more. Determine the exact amount of material required by coating a test area on site.
Application Conditions	Low 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 interruption. When using Caparol Tiefgrund TB in 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. Touching up surfaces is depending on many parameters and may be visible after drying. Germany: See BFS-Merkblatt (Data/Fact Sheet) No. 25. Do not use phenol-based disinfectants to avoid surface yellowing.

Advice

Please Note (Status as at Date of Publication)	<p>Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. 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 breathe spray dust. Use P2 dust filter for grinding. Further information: See Material Safety Data Sheet (MSDS).</p> <p>Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. Germany: Advice for allergy sufferers with isothiazolinone allergy: Hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute).</p>
Disposal	<p>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. 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.</p>
EU limit value for the VOC content	of this product (Category A/a): max. 30 g/l (2010). This product contains max. 1 g/l VOC.
Product Code Paints and Enamels	M-DF01 (Germany)
Substances of Content - Declaration	Polyacrylic resin, titanium dioxide, silicates, water, additives, film forming agent, preservative (1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one).
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 06154- 71 7 1710

Fax: +49 05154- 71 7 1711

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 · SeidenLatex · Issued: January 2010

DAW International Business: **DAW SE** · P.O.B. 1264 · D-64369 Ober-Ramstadt · Tel. +49 6154 71-1274 · Fax +49 6154 71-1264 · Internet www.caparol.com