

SeidenLatex

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



Product Description

Field of Application

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.

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.

Material Properties

- 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

- **Standard Products:** 2.5 l, 5 l, 10 l and 12.5 l. **Airfix:** 25 l hobbock, 120 l Paint barrel
- **Off-White (Altweiß):** 12.5 l
- **ColorExpress:** 2.5 l, 5 l, 7.5 l and 12.5 l

Colours

White and Off-White.

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.

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.

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 1, 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. 1.35 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

Plasters of mortar group PII and PIII/compressive strength according to DIN EN 998-1 with min. 1.5 N/mm²: Coat solid, normally absorbent renders without pre-treatment. Prime coarsely porous and absorbent renders with CapaSol RapidGrund or CapaSol Konzentrat.

Gypsum plasters of mortar group PIV/compressive strength according to DIN EN 13279 with min. 2 N/mm²: One priming coat of HaftGrund EG. Gypsum plasters with sintered skin: Sand, remove dust, prime with Dupa-Putzfestiger.

Gypsum boards: Apply one priming coat of CapaSol RapidGrund or CapaSol Konzentrat on absorbent boards. Apply one priming coat of HaftGrund EG to highly compacted, smooth boards.

Gypsum boards (plasterboards): Sand off filler burrs. Strengthen soft gypsum filler areas with Dupa-Putzfestiger. Prime with HaftGrund EG, CapaSol RapidGrund or CapaSol Konzentrat. For boards with water-soluble, discolouring ingredients, apply one priming coat of Caparol AquaSperrgrund. Observe BFS Data Sheet No. 12.

Concrete: Remove any release agent residues and chalking, sanding substances.

Aerated concrete: Apply one priming coat of Capaplex, diluted 1 : 3 with water.

Sand-lime brick and exposed brickwork: Coat without pre-treatment.

Load-bearing coatings: Recoat matt, slightly absorbent coatings directly. Roughen glossy surfaces and lacquer coatings. Apply one priming coat of HaftGrund EG.

Non-stable coatings: Remove non-stable coatings of lacquer, emulsion paint or synthetic resin plaster. Prime slightly absorbent, smooth surfaces with HaftGrund EG. Prime highly porous, sanding or absorbent surfaces with CapaSol RapidGrund. Remove non-bearing mineral paint coatings mechanically and remove dust from the surfaces. Apply one priming coat of Dupa-Putzfestiger.

Distemper coatings: Wash off old Distemper coatings. Apply one priming coat of Dupa-Putzfestiger.

Unpainted woodchip, relief or embossed paper wallpapers: Coat without pre-treatment.

Non-sticking wallpapers: Remove completely. Wash off paste and waste paper residues. Prime with Dupa-Putzfestiger.

Mould-infested surfaces: Remove mould or fungal infestation by wet cleaning. Wash surfaces with Capatop or FungiGrund and allow to dry thoroughly. Apply a priming coat depending on the type and condition of the substrate. Apply a top coat of Indeko-W, Malerit-W or Fungitex-W to heavily infested surfaces. Observe the legal and official regulations (e.g. the Biological Substances Ordinance and the Ordinance on Hazardous Substances).

Surfaces with nicotine, water, soot or grease stains: Wash off nicotine stains as well as soot or grease stains with water using a grease-dissolving household cleaning agent and allow to dry thoroughly. Clean dried water stains by brushing dry. Apply a barrier primer coat of AquaSperrgrund. Apply the final coat of Aqua-inn N^o1 to heavily soiled surfaces.

Wood and wood-based materials: Coat with water-thinnable, environmentally friendly Capacryl Acryl-Lacken or Capacryl PU-Lacken.

Small defects: After appropriate preparatory work, repair with Caparol-Akkordspachtel according to processing instructions and, if necessary, re-prim.

Note Q2/Q3 Filling / thin gypsum layers < 0.5mm: 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 Federal Committee for Paint and Property Protection. As an alternative to gypsum-based Q3 filling, filling with pasty filling compounds has proven successful.

Method of Application

Apply with paint brush, roller and spraying equipment.

Airless Application:

Dilution	max. 5% with Water
Airless equipment	
Spray pressure	180 - 200 bar
Spray angle	40° - 50°
Nozzle size	0,017" - 0,019"
Pistol filter in MW	ca. 0,31mm
Internally fed roller systems	
Spray pressure	80 - 120 bar
Pistol filter in MW	ca. 0,31mm

Clean tools/equipment immediately after use with water.

Surface Coating System

Priming or Intermediate Coat: SeidenLatex, diluted to a max. of 10 % with tap (potable) water.

Finishing Coat: SeidenLatex, diluted to a max. of 5 % with tap (potable) water.

Consumption

Approx. 140 ml/m² 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)

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).

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).

TECHNICAL INFORMATION NO. 327

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.

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 (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).

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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

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