

Latex Samt 10

Silk-matt latex paint. Wet scrub resistance Class 1, corresponds to "scrub resistant" as per German standard DIN 53778.



Product Description

Field of Application

Suitable for interior coatings, subjected to wear, showing a silk-matt surface finish. Particularly suitable for textured substrates, e.g. to paint over woodchip/ingrain wallpapers, relief and embossed wallpapers or Capaver glass fabric wall coverings.

Material Properties

- Water-dilutable, ecologically compatible, low odour.
- Free of fogging-active substances.
- Diffusion-capable.
- s_d -value < 0.2 m
- Maintains the texture of substrate.
- Easy to apply.
- Emission-minimised, solvent-free and unplasticized.
- Excellently cleanable and resistant to aqueous disinfectants and household cleaning agents.

Material Base / Vehicle

Synthetic latex according to German standard DIN 55945.

Packaging/Package Size

- **Standard Product:** 12.5 litres. Airfix: 25 litres hobbock
- **ColorExpress:** 5 litres, 12.5 litres

Colours

White.

Latex Samt 10 can be tinted with CaparolColor or AmphiColor® (AVA) colourants. If more than one bucket/container 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.

Latex Samt 10 is tintable to all current colour collections via the ColorExpress tinting & mixing machine system. Check tinted product before applying to avoid colour differences. Always use tinted paint of same batch, when applying on seamless surfaces.

When applying colour shades of low opacity (hiding/covering power), e.g. red, orange or yellow, it is advisable to previously apply one priming coat of Caparol-Haftgrund in the matching priming system colour, available via the ColorExpress technique. Possibly a second finishing coat may be necessary.

Gloss Level

Silk-matt (matt 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 Class 2, with a spreading rate of 7 m²/l or 140 ml/m²
- Maximum particle (grit) size: Fine (< 100 µm)
- Density: Approx. 1.4 g/cm³

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

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

Application

Suitable Substrates

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

Substrate Preparation

Interior Plasters in Mortar Groups/Classes PII (Lime-Cement Mortar), PIII (Cement Mortars) / Minimum Compressive Strength according to DIN EN 998-1: 2 N/mm²:

Coat solid, normally absorbent plasters without pre-treatment. Prime highly porous, sanding or absorbent plasters with OptiGrund or CapaSol.

Gypsum and Ready-Mixed Gypsum Plasters of Mortar Group PIV / Minimum Compressive Strength according to DIN EN 13279: 2 N/mm²:

Apply one priming coat of Caparol-Haftgrund. Sintered surfaces: Sand/grind off sintered skin, remove sanding dust and apply one priming coat of Caparol-Tiefgrund TB.

Gypsum Wallboards: Prime absorbent boards with OptiGrund or Caparol-Tiefgrund TB. Prime highly compact, smooth boards with Caparol-Haftgrund to promote adhesion.

Gypsum Plasterboards (Sandwich-Type Plaster Boards / Drywalls): Sand/grind off filler burrs. Prime and strengthen soft gypsum areas (repair patches) with Caparol-Tiefgrund TB. Prime with Caparol-Haftgrund, OptiGrund or CapaSol. Boards containing water-soluble and discolouring substances that leave marks must be primed with Caparol AquaSperrgrund. In Germany: Follow BFS Data Sheet No. 12.

Concrete: Remove all residues of separating agent and chalking or sanding substances.

Facing Brickwork and Fair-Faced Sand-Lime Brick Masonry: No pre-treatment required.

Sound/Stable Existing Coatings: Matt, slightly absorbent coatings can be treated without a preliminary preparation. Roughen/sand glossy surfaces and enamel coatings. Prime with Caparol-Haftgrund.

Unstable Existing Coatings: Remove unsound coatings of enamel, dispersion/emulsion paint or synthetic (organic) plaster. Apply one priming coat of Caparol-Haftgrund on slightly absorbent, smooth surfaces. Prime highly porous, sanding or absorbent surfaces 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): Remove by washing, allow to dry and prime with Caparol-Tiefgrund TB.

Unpainted Woodchip/Ingrain, Relief or Embossed Wallpapers (made of Paper): Coat without any pre-treatment.

Non-Adherent Wallpapers: Remove completely. Wash off all residues of wallpaper paste/glue and waste paper. Prime with Caparol-Tiefgrund TB.

Mildewed Surfaces: Remove fungal attack (fungi/mildew/mould) by wet cleaning, then use Capatox or FungiGrund and allow to dry thoroughly. Apply one priming coat, depending on substrate requirements. Apply a finishing coat of Indeko-W, Malerit-W or Fungitex-W on strongly infested surfaces, in compliance with legal and official regulations (follow e.g. Ordinance on Biocidal Agents 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 fat-dissolving household detergent, then allow the substrate to dry thoroughly. Clean dried up water stains by dry brushing-off. Apply one insulating coat of Caparol AquaSperrgrund.

Wood and Derived Timber Products: Coat with water-dilutable, ecologically compatible Capacryl acrylic enamels or Capacryl PU enamels.

Small Defects: After having completed the necessary preparations, repair with Caparol Akkordspachtel in accordance with our processing specification, and if necessary, prime subsequently.

Method of Application	<p>Apply with paint brush, roller or airless equipment.</p> <p>Airless Application: Spray angle: 50° Nozzle size: 0.019" – 0.021" Spray pressure: 150 - 180 bar</p> <p>Nespri-TEC Spraying Method: Latex Samt 10 can be applied with a reduced release of spraying mist (spray dust), but not absolutely mist-free. For surfaces: Spray angle: 30°/Nozzle: special Nespray 0.016" – 0.019" double nozzle. For trimming: Spray angle: 20°/Nozzle: 0.013" special Nespray nozzle. Distance to the substrate: max. 30 cm, otherwise a nozzle extension made by Wagner Inc. should be used. The product temperature is automatically controlled by the Nespray Airless unit. Closure pressure (closed pistol) is set on the device in the blue marked field of indicator. Spray pressure (opened pistol) is in the green marked field. Clean tools and supplies immediately after use with water.</p>
Surface Coating System	<p>One even, liberally applied coat of Latex Samt 10, diluted to a max. of 5 % with tap (potable) water. On surfaces with a high colour contrast: One previously applied priming coat of product, diluted to a max. of 10 % with tap water. Prime unevenly absorbent surfaces with Caparol-Haftgrund.</p>
Consumption	<p>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.</p>
Application Conditions	<p>Lower Temperature Limit for Application and Drying: +5° C for product, substrate and ambient air.</p>
Drying/Drying Time	<p>At 20° C and 65 % relative humidity surface-dry and recoatable after 4–6 hours. Completely cured and ready for stress after approx. 3 days. Lower temperatures and higher humidity extend the drying time.</p>
Note	<p>To avoid lapping, the product should be applied wet-on-wet and without interruption. Stir and sieve the paint thoroughly before airless spray application. 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. (In Germany: See BFS Data Sheet No. 25) The use of phenol-based disinfectants may lead to noticeable yellowing of the surface.</p>

Advice

German Certificates	<ul style="list-style-type: none"> ■ Zertifikat über schadstoffgeprüfte Innenwandfarbe (Certificate about test for harmful substances interior wall paint) ■ Prüfbericht zur Desinfektionsmittelbeständigkeit (Report to disinfectant resistance)
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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. Further information: See Material Safety Data Sheet (MSDS).</p>
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Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

In Germany: Advice for allergy sufferers with isothiazolinone allergy: Hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute).

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. In 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>
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EU limit value for the VOC content of this product (category A/a): 30 g/l (2010). This product contains max. 1 g/l VOC.

Product Code Paints and Enamels M-DF01 (Germany)

Substances of Content - Declaration Polyvinyl acetate resin, titanium dioxide, calcium carbonate, silicates, water, additives, preservative (Methylisothiazolinone, Benzisothiazolinone).

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