

Samtex 10

Silky matte latex paint with low consumption
Wet friction class 1



CAPAROL

Product description

Application	For silky matte final coating of especially loaded indoor surfaces. Particularly well suited for smooth walls (putty quality Q4) and thin coatings with preservation of surface structure on textured substrates such as rough fibre and structured wallpaper, as well as Capaver glass fibre wallpapers in hotels, hospitals and other public buildings with high mechanical loading. Does not leave marks.
Properties	<ul style="list-style-type: none"> ■ Can be diluted with water, environmentally friendly, with minimal odour ■ breathable ■ s_d-value < 0.2 m ■ retains surface structure ■ easy to apply ■ reduced emissions, solvent-free ■ very easy to clean and resistant to aqueous disinfectants and household cleaners Synthetic latex to
Material base	DIN 55945
Packaging/packaging dimensions	Base 1: 10 l; 2.5 l Base 3: 9.4 l; 2.35 l
Tints	Base 1: white Base 3: transparent
Gloss level	Silky matte (according to EN 13300)
Storage	In a cool place, protect from freezing temperatures.

Can be tinted manually with CaparolColor and AVA – AmphiColor full-tone and tinting paints. When tinting manually, mix all required quantity of paint to avoid hue mismatch.

Samtex 10 can be tinted automatically in ColorExpress system in all current colour tone chart shades. To identify possible tinting errors, check the accuracy of the tint before application. On connected surfaces use tint from the same product (batch). Bright, intense colours in certain circumstances have low coverage. Therefore it is recommended to apply a white pastel shade under such colours. A second covering coat may be required. Use Base 1 as non-tinted white coating; use Base 3 only tinted.



Technical data

Parameters according to EN 13300:

Deviations from technical properties are possible as a result of tinting.

- Wet friction: class 1
- Contrast ratio: coverage class 2, with paint consumption 7 m²/l
- Maximum grain size: fine (< 100 µm)
- Density: approx. 1.4 g/cm³

Note

**Suitability according to Technical Information No. 606
Defined areas of application**

Interior works 1	Interior works 2	Interior works 3	Exterior works 1	Exterior works 2
+	+	+	-	-
(-) not suitable / (0) relatively suitable / (+) suitable				

Application

Suitable substrates

The substrate must be clean, without parting agents and dry. Comply with requirements of VOB, Part C, DIN 18363 Article 3.

Substrate preparation

PII and PIII mortar group plasters/minimum compressive strength according to DIN EN 998-1 at least 1.5 N/mm²:

Firm plasters with normal absorption can be coated without prior treatment. Roughly porous, crumbling, absorbent plasters should be primed with OptiGrund E.L.F., respectively, CapaSol LF.

PIV mortar group gypsum plasters/minimum compressive strength according to DIN EN 13279 S2 at least 2 N/mm²:

Prime with Caparol-Haftgrund. Gypsum plasters with hard calcite layers should be polished and cleaned from dust. Prime with Caparol-Tiefgrund TB.

Gypsum panels: Prime absorbent panels with OptiGrund E.L.F. or Caparol-Tief-grund TB. For improved adhesion, prime very dense and smooth panels with Caparol-Haftgrund.

Gypsum panels (plasterboard): Polish rough putty areas. Reinforce soft gypsum putty areas with Caparol-Tiefgrund TB Prime with Caparol-Haftgrund, OptiGrund E.L.F. or prime panels containing colouring substances soluble in water with Caparol AquaSperrgrund. Adhere to BFS Memo No. 12.

Concrete: Remove possible remnants of anti-caking agents, as well as chalky and loose substances.

Silicate brick and brick wall: Cover without pre-treatment.

Coatings with good load-bearing capacity: Apply without pre-treatment on matte, poorly absorbent surfaces. Roughen up glossy surfaces and enamel paint coatings. Prime with Caparol-Haftgrund.

Coatings with poor load-bearing capacity: Remove enamel paints, dispersion paints or synthetic resin plaster coatings with poor load-bearing capacity. Prime poorly absorbent, smooth surfaces with Caparol-Haftgrund.

Roughly porous, crumbling (absorbent) surfaces should be primed with OptiGrund E.L.F., respectively, CapaSol LF. Mechanically remove mineral paint coatings with poor load-bearing capacity and clean the surface from dust. Prime with Caparol-Tiefgrund TB.

Glue paint coatings: Wash completely. Prime with Caparol-Tiefgrund TB.

	<p>Unpainted coarse fibre, embossed or structural paper wallpaper: Cover without pre-treatment.</p> <p>Peeling wallpaper: Fully remove. Wash of glue and paper residues. Prime with Caparol-Tiefgrund TB.</p> <p>Surfaces affected by mould: Clean surfaces affected by mould (fungi) using wet cleaning method. Wash the surface with Capatox, respectively, FungiGrund and allow it to dry thoroughly. Prime depending on the type and properties of the substrate. Finally, cover severely affected surfaces with Indeko-W, Malerit-W or Fungitex-W. In this regard, comply with regulatory and institutional requirements (e.g., the regulation on biological substances and dangerous substances).</p> <p>Surfaces with nicotine, water, soot or grease stains: Wash nicotine, soot or grease stains with water and fat-dissolving household detergent and let dry thoroughly. Clean water stains using a brush when dry. Apply isolating primer layer Caparol AquaSperrgrund .</p> <p>Wood and wood-based materials: Cover with water-soluble, environmentally friendly Capacryl acrylic enamel paints or Capacryl polyurethane acrylic paints.</p> <p>Minor defects: After suitable pre-treatment with Caparol-Akkordspachtel, carry out repairs in accordance with the application instructions and prime again if necessary.</p>
Application method	<p>Apply with a brush, roller or airless spray devices.</p> <p>Application using airless method: Spraying angle: 50° Nozzle: 0.021–0.025" Spraying pressure: 150-180 bar</p>
Coating structure	<p>Apply Samtex 10 evenly in a thin layer one to two times, diluted with water to max. 3%. High-contrast surface or substrate with different absorption should be primed with Samtgrund.</p>
Consumption	<p>Approx. 100 ml/m² in a single layer on even surface. Respectively more on rough surfaces. Perform sample coating for accurate consumption.</p>
Application conditions	<p>The lowest temperature limit for application and curing: +5°C for substrate and surrounding air.</p>
Drying/curing time	<p>At +20 °C and 65% relative air moisture, the surface is dry and can be repainted after 2-3 hours. The surface is fully cured and can be loaded after approximately 3 days. If the temperature is lower and the air humidity higher, the curing time increases.</p>
Note	<p>To avoid joints, paint according to "wet in wet" method in one go without interruptions. When using spray method, mix the paint carefully and pass it through a sieve. A characteristic solvent odour may arise when using Caparol-Tiefgrund TB indoors. Ensure good ventilation. In sensitive areas use odourless AmphiSilan Putzfestiger. The visibility of repaired areas on the surface depends on many factors and is therefore unavoidable (BFS Memo 25).</p>

Instructions

Conclusion	Test for resistance to household cleaning products and water-based disinfectants.
Safety instructions	Keep away from children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Avoid inhaling spray. Do not empty into drains, water or soil. For more information: see Safety Data Sheet.
Disposal	Recycle only empty packaging. Dispose of liquid waste as water-based paint waste; dispose of dry waste as dry paint or household waste.
EU limit value for VOC (volatile organic compounds) content	(Cat. A/a): 30 g/l (2010). The product contains max. 1 g/l VOC.
Declaration of ingredients	Polyvinyl acetate resin, titanium dioxide, silicates, water, additives, preservatives.
Technical advice	All possible substrates and specific treatment methods cannot be foreseen in this Technical Information. If you need to treat substrates not listed in this Technical Information, please contact us or our sales representatives. We will be happy to give detailed advice in relation to the object in question.
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