

Samtex 20

Silky gloss latex paint for interior works



Product Description

Field of Application	For highly durable, scrub-resistant and texture-retaining interior paint coatings with a silky 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 Silk gloss.
Material Properties	<ul style="list-style-type: none"> ■ Water-dilutable, eco-friendly, low odour ■ Emission-minimised, solvent-free and unplasticized. ■ High degree of whiteness ■ High opacity ■ Diffusion capable ■ Easy to clean, resistant to household cleaning and disinfection agents
Material Base / Vehicle	Dispersion of artificial resin.
Packaging/Package Size	2.5 l , 5 l , 10 l , 15 l
Colours	<p>White (base 1) Transparent (base 2 and 3) may be used only after staining .</p> <p>The paint Samtex 20 base 1 can be colored using dyes AVA - Amphibolin -und Abtönfarben or CaparolColor (formerly CaparolColor) . Active Isolated colored material before use to mix with each other in order to avoid possible color differences . When buying min . 100 liters in one shade , on request , can be supplied pre- colored material .</p> <p>Paint Samtex 20 suitable for dyeing machine ColorExpress . Clean , bright colors such as yellow , orange, red , etc. are not always fully opaque . Therefore, when choosing these colors is recommended to prepare the ground color by repainting it close opaque , pastel colors based on white . You may need to also incorporate an additional layer opacity .</p>
Gloss Level	Silk Gloss
Storage	Keep in a cool, but frost-free place.



Technical Data

- **Wet abrasion:** Wet scrub resistance Class 1, corresponds to "scrub resistant" as per standard DIN EN 13 300.
- **Contrast ratio:** Class 2 at a yield of 7 m² / l , ie about 140ml/m²
- **Maximum particle (grit) size:** (granulation) : Small (<100 microns)
- **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
+	+	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.

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.

Technical Information No. D020R NOE

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).

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.

Wood and Derived Timber Products:

Coat with ecologically compatible, water-dilutable (waterborne) Capacryl acrylic or Capacryl PU enamels.

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.

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/equipment immediately after use with water.

Surface Coating System

Priming or Intermediate Coat: Samtex 20, diluted to a max. of 10 % with tap (potable) water.

Finishing Coat: Samtex 20, diluted to a max. of 3 % with tap (potable) water.

Consumption

Approx. 120-140 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).

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

Substances of Content - Declaration

Dispersion of artificial resin, pigments, mineral fillers, water, additives, preservatives.

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.

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