

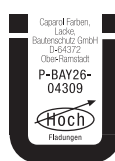
Latex Satin 20

Durable interior paint. Wet scrub resistance class 1.



Product Description

Field of Application	High-grade latex paint with a satin-finished (satin-gloss) surface. For highly stressed internal surfaces. Excellently suitable for renovation or coatings on wood-chip, ingrain and embossed wallpapers, as well as Capaver® glass fabric wall coverings.
Product Properties	<ul style="list-style-type: none"> ■ Emission minimised, solvent-free, unplasticised. ■ Free of fogging-active substances. ■ Water-thinnable, ecologically compatible, low odour. ■ High degree of whiteness. ■ Diffusible ■ s_d-value < 0.3 m. ■ Preserves the texture of substrates. ■ Highly cleanable and resistant to aqueous disinfectant and household detergents. ■ Easy to apply
Product Base / Vehicle	Synthetic latex, according to DIN 55 945.
Packaging/Package Size	<ul style="list-style-type: none"> ■ Standard Material: 5 l, 12.5 l ■ ColorExpress: 12.5 l
Colours	<p>White</p> <p>Latex Satin 20 can be tinted with CaparolColor or AVA - Amphibolin full tone or tinting paint. Self-tinted material must be prepared in advance and mixed in order to avoid colour differences. Quantities of 100 litres or more of individual shades may be ordered ready tinted from the factory.</p> <p>Latex Satin 20 can be tinted to all current colour collections via the ColorExpress tinting machine system. Check tinted product prior to the application to avoid colour differences/deviation. Use always tinted product of the same batch, when applying on continuous surfaces. Brilliant, intensive colour shades may have a lower opacity (hiding/covering power). It is therefore advisable to apply a first coat in a similar hiding pastel tint, based on white. Possibly a second finishing coat may be necessary.</p>
Gloss Level	satin-finished (satin-gloss)
Storage	Keep in a cool, but frost-free place.



Technical Data

Characteristics according to DIN EN 13 300:

Tinting may cause variations.

- Wet scrub resistance: Wet scrub resistance class 1, corresponds to "scrub resistant" according to DIN 53 778.
- Contrast ratio: Opacity (hiding/covering power) class 2, with a spreading rate of 7 m²/l or 140 ml/m² per coat.
- Maximum particle (grit) size: Fine (<100 µm)
- Density: Approx. 1.4 g/cm³

Supplementary Product

Disbopur 458 PU-Aqua-Siegel

The mechanical and chemical durability of Latex Satin 20 can be significantly improved by double-coating with protective seal Disbopur 458 PU-Aqua-Siegel. Application is only possible on bright colours with a luminosity of approx. 60 - 100. The protective seal causes a much duller surface and can lead to a slight color change. On Capaver® glass fabric especially robust surfaces can be achieved. The use of glass fabrics from other manufacturers may cause slight yellowing.

Application

Suitable Substrates

The substrate must be sound/stable, dry, clean, and free from all materials that may prevent good adhesion. In Germany: Follow VOB, part C, DIN 18 363, paragraph 3.

Substrate Preparation

Renderers/Plasters: Class P II Lime-Cement Mortars Class P III Cement Mortars:

Firm renderers/plasters with normal absorbency require no preliminary treatment. Prime highly porous, sanding or absorbent renderers/plasters with OptiGrund E.L.F. or CapaSol LF.

Gypsum and Ready-Mixed Gypsum Plasters of Mortar Group P IV:

One Priming coat with Caparol-Haftgrund. Sand sintered gypsum renderers/plasters, remove dust, and prime with CaparolTiefgrund TB.

Gypsum Building Boards:

Prime absorbent boards with OptiGrund E.L.F. or Caparol-Tiefgrund TB. Prime highly compact, smooth boards with Caparol-Haftgrund to promote bonding.

Gypsum Plaster Boards:

Grind off putty burrs. Prime and strengthen soft and sandpapered gypsum areas of repairs with Caparol-Tiefgrund TB. Prime with Caparol-Haftgrund, OptiGrund E.L.F. or CapaSol LF. Boards containing water-soluble and discolouring substances must be primed with Caparol AquaSperrgrund fine. In Germany: Follow BFS Data Sheet No. 12.

Concrete:

Remove remnants of releasing agents and loose chalking or sanding materials.

Porous Concrete / AAC:

Prime porous concrete / autoclaved aerated concrete with a 1 : 3 mixture of Capaplex and tap water.

Fair-Faced Brick and Sand-Lime Brick Masonry:

No preliminary treatment required.

Sound Existing Coatings:

Matt, slightly absorbent coatings may be treated without a preliminary preparation. Roughen glossy surfaces and enamel/ varnish coatings. Prime with CaparolHaftgrund.

Unsound, existing Coatings:

Remove unsound coatings of enamel, dispersion/emulsion paint or synthetic resin-bound (organic) render/plaster completely by suitable means. Apply one priming coat of Caparol haftgrund on slightly absorbent, smooth surfaces. Apply one priming coat of OptiGrund E.L.F. or CapaSol LF on chalking, sanding or absorbent surfaces. Remove unsound mineral colour mechanically and remove dust from the surfaces. Apply a priming coat of Caparol-Tiefgrund TB.

Distemper Paints:

Wash off the coating completely and prime with Caparol-Tiefgrund TB.

Unpainted Wood-Chip, Ingrain or Embossed Wallpapers:

No preliminary treatment required.

Non-Adherent Wallpapers:

Remove the wallpapers completely and wash off glue and remnants of lining. Prime the substrate with Caparol-Tiefgrund TB.

Mildewed Surfaces:

Remove mildew/mould attack by wet cleaning. Then treat the surface with Capatox or FungiGrund and allow to dry well. Apply a priming coat according to the type and condition of the substrate. Apply a finishing coat of Indeko-W, Malerit-W or Fungitex-W on badly infested surfaces in compliance with legal and official regulations (follow e.g. Biocidal Products Directive 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 greasedissolving household cleaning agent, then allow the substrate to dry well. Clean driedup water stains by dry brushing. Apply an insulating coat of Caparol AquaSperrgrund fine (Technical Information No. 384). Apply a finishing coat of Caparol IsoDeck on highly soiled surfaces (Technical Information No. 848).

Wood and Derived Timber Products:

Coat with the water-thinnable, ecologically compatible Capacryl acrylic enamels 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 or airless equipment.

Airless application:

Spray angle: 50°

Nozzle size: 0,019–0,021"

Spray pressure: 150–180 bar

Clean tools and supplies for work immediately after use with water.

Surface Coating System

One uniform, generously applied coat of Latex Satin 20 diluted with max. 5% of tap (potable) water. Apply a preliminary first coat, thinned with max. 10% of tap water, on high-contrast substrates. Irregularly porous substrates must be primed with Caparol Haftgrund.

Consumption

Approx. 140 ml/m² per coat on smooth substrates, on rough-textured surfaces correspondingly more. The exact rate of consumption is best established by a trial application.

Application Conditions

Lower 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. Completely dry and ready for stress after approx. 3 days. Lower temperatures and higher humidity extend the drying time.

Note

To avoid lapping, the product should be applied wet-on-wet and without interruptions. In case of airless spray application stir and sieve well before application. Due to the use of Caparol-Tiefgrund TB in the interiors, a typical solvent odour is released, hence proper ventilation must be provided during the application. 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)

Advice

German Certificates

The Fraunhofer Wilhelm-Klauditz-Institute (WKI) has audited the inoffensive application for interior use. The material is certified with German TÜV (Technical Supervisory Association) quality mark "pollutant-tested / supervised manufacturing process". German certificate is available on request.

Please Note (Status as at Date of Publication)

Keep out of reach of children. Do not breathe spray dust. Care for thorough ventilation during working and drying time. Do not eat, drink and smoke during the use of this colour. In case of contact with skin and eyes, rinse immediately with plenty of water. Do not allow into drains, water courses or soil. Cleaning of Tools: Immediately after use or during long breaks with water and soap.

Material Safety Data Sheet is available on request for professional users.

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. In Germany: Only completely emptied clean containers should be given for recycling. Dispose containers with residues of liquid material as remnants of water-based paints and dried material as hardened paints waste or via domestic waste.

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.

Giscode

M-DF01

Substances of Content - Declaration

Polyvinyl acetate resin, titanium dioxide, silicates, calcium carbonate, 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.

Customer Service Centre

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