

Capacryl Spray-TEC Satin

Water-dilutable, airless spraying applied finishing enamel for interior and exterior use.



Product Description

Field of Application

High-quality enamel, in particular for airless spray application for interior and exterior use.

Material Properties

- Maximum process safety for spraying
- High filling power
- High stability up to 250 µm wet film thickness.
- Excellent opacity (hiding/covering power)
- Non-blocking
- Low odour
- High impact strength and shock resistance

Material Base / Vehicle

Polyurathane-modified acrylic dispersion

Packaging/Package Size

Standard colour (White):

2,5 litres, 5 litres

ColorExpress:

2,35 litres, 4,7 litres

Colours

White

ColorExpress: Tintable via the ColorExpress tinting & mixing machine system in various colour shades of Caparol 3D System colour collection and colour shades of other collections.

Gloss Level

Silk-matt / satin-finished

A product typical pigment abrasion of silk-matt painted surfaces may occur at the beginning (temporary effect) with dark or intensive colours.

Storage

Keep in a cool, but frost-free place.

Technical Data

- Density: Approx. 1.3 g/cm²

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

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



Application

Suitable Substrates	Primed wood and derived timber products, primed and dimensionally stable metal surfaces, stable existing coatings interior and exterior, primed with wash primer, e.g. in combination with Capacryl Haftprimer.								
Substrate Preparation	Sand and clean the primered surfaces.								
Preparation of Material	Stir well before use. Spray preferably undiluted or diluted to a max. of 5 % with tap (potable) water, if necessary.								
Method of Application	Advice for Spray Application:								
	<table border="1"> <thead> <tr> <th></th> <th>Ø Nozzle</th> <th>Pressure</th> <th>Dilution</th> </tr> </thead> <tbody> <tr> <td>Airless</td> <td>0,010-0,014 inch</td> <td>180 - 200 bar</td> <td>Undiluted or diluted to a max. of 5 % by volume with tap (potable) water</td> </tr> </tbody> </table>		Ø Nozzle	Pressure	Dilution	Airless	0,010-0,014 inch	180 - 200 bar	Undiluted or diluted to a max. of 5 % by volume with tap (potable) water
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Airless	0,010-0,014 inch	180 - 200 bar	Undiluted or diluted to a max. of 5 % by volume with tap (potable) water						
Thinning	Note: Dilution reduces the stability and filling capacity. Spray preferably undiluted or diluted to a max. of 5 % with tap (potable) water, if necessary.								

Surface Coating System

Substrate	Use	Substrate Preparation	Impregnation	Priming Coat	Intermediate Coat (if necessary)	Finishing Coat
Wood, derivative timber products	Interior	Sand/clean	-	Capacryl Holz-IsoGrund	Capacryl Spray-TEC Filler	Capacryl Spray-TEC Satin
Dimensionally stable wood	Exterior	BFS No. 18	Capacryl Holz SchutzGrund	Capacryl Holz-IsoGrund	Capacryl PU-Vorlack	
Iron, steel	Interior	Derust/clean	-	Capalac AllGrund	Capacryl Spray-TEC Filler	
	Exterior		-	2 x Capalac AllGrund	Capacryl PU-Vorlack	
Zinc, galvanised surfaces	Interior	BFS No. 5	-	Capacryl Haftprimer	Capacryl Spray-TEC Filler	
	Exterior		-	Capacryl Haftprimer	Capacryl PU-Vorlack	
Aluminium and Copper	Interior	Aluminium: BFS No. 6	-	Capacryl Haftprimer	Capacryl Spray-TEC Filler	
	Exterior	Copper: clean with water, wetting agent and sanding pad	-	Capacryl Haftprimer	Capacryl PU-Vorlack	
Sound existing paint coatings ¹⁾	Interior	Sand slightly/treat slightly with alkali	-	Capacryl Haftprimer	Capacryl Spray-TEC Filler	
	Exterior		-	Capacryl Haftprimer	Capacryl PU-Vorlack	

¹⁾ Prepare and prime damaged spots according to the respective substrate requirements.

Note: Adhesion must be tested in advance for powder coatings, coil coatings and other critical substrates by trial coating.

TECHNICAL INFORMATION NO. 974

Consumption

Approx. 200 ml/m² at 180 µm wet film thickness.
Consumption is a guide value and may vary, depending on the nature of substrates and substrate condition.
Determine the exact amount of material required by coating a test area on site.

Application Conditions

Lower Temperature Limit for Application and Drying:

Min. +10 °C for product, substrate and ambient air.
Relative humidity must not exceed 70 %.

Drying/Drying Time

At 20 °C and 65 % relative humidity	dust dry	recoatable
Drying times ¹⁾	approx. 60 minutes at 180 µm wet film thickness ²⁾	approx. 6-8 hours

¹⁾ Lower temperatures and higher humidity extend the drying time.

²⁾ Higher wet film thickness extend the drying time.

Tool Cleaning

Immediately after use with water.



Advice

Please Note (Status as at Date of Publication)

This product contains max. 30 g/l VOC. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. Disposal: Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local, regional, national and international authorities. Please

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 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/d): max. 130 g/l (2010). This product contains max. 130 g/l VOC.

Giscode

BSW20 (Germany)

Product Code Paints and Enamels

M-LW01 (Germany)

Substances of Content - Declaration

polyacrylic resin, inorganic and/or organic pigments water, glycol ethers, ester alcohol, additives, preservatives

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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.974 · Capacryl Spray-TEC Satin · Issued: June 2016