

Capalac Vorstreichfarbe

The primer for wood and primed metal

Product Description

Field of Application

White pigmented, matt priming paint for wooden component parts with limited or unlimited dimensional stability, and intermediate coat for metal and unplasticized/rigid PVC, exteriors and interiors. Due to the characteristic odour of alkyd enamel coatings, it is advisable to use Capacryl PU-Vorlack, Capacryl Haftprimer or Capacryl Holz-IsoGrund for priming coats on large, seamless indoor surfaces to be coated.

Material Properties

- Easy to apply
- Good opacity (hiding/covering power)
- Lead-free
- Fast-drying
- Good flow
- Short-term resistance against weak acids and bases

Material Base / Vehicle

Alkyd resin, non-aromatic solvents.

Packaging/Package Size

2.5 litres

Colours

White

Gloss Level

Matt

Storage

Keep in a cool place.
Keep the can/container always tightly closed.

Technical Data

- Density: Approx. 1.50 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

Wood, primed zinc (galvanised substrates), iron, aluminium and unplasticized/rigid PVC. Not suitable for anodised aluminium. The substrate must be clean, sound/stable, dry, and free from all substances that may prevent good adhesion. Max. permissible moisture content in dimensionally stable wood: 13 %; in limited stable wood and parts of unstable shape: 15 %.

Wooden Parts:

Sand the surface in fibre direction, clean thoroughly, remove all seeping wood contents, e.g. wood resin/rosin and resin galls (resin/pitch pockets). Cut sharp edges (see BFS Data Sheet No. 18).

Iron, Steel:

Derust according to industry standard SA 2 ½ (blasting) or ST3 (mechanically) as per DIN EN ISO 12944-4.

Zinc, Unplasticized/Rigid PVC:

Wash with ammoniacal wetting agent using abrasive pad as per BFS Data Sheet No. 5 and No. 22.

Aluminium:

Clean with phosphoric acid solution using abrasive pad as per BFS Data Sheet No. 6.

Existing Paint Coatings:

Roughen/sand the surface and/or treat with alkali. Remove unstable existing coatings.

Method of Application

The product is applicable with brush or roller. Stir well before use and thin with Caparol AF-Verdünner (thinner) or a non-aromatic synthetic resin thinner, if necessary.

Guidelines for Spray Application:

	Ø Nozzle	Pressure	Thinning	Product Temperature
Airless	0.009 -0.0013 inch	180 - 200 bar	ready-to-use in delivered consistency	-
Aircoat TempSpray	0.009 -0.0013 inch	180 - 200 bar	ready-to-use in delivered consistency	35 °C

Surface Coating System

Substrate	Use	Substrate Preparation	Impregnation	Priming Coat	Inter-mediate Coat	Finishing Coat
Wood, derived timber products	interior	sanding	—	Capalac Vorstreichfarbe	Capalac Vorstreich-farbe*	Capalac Weiß- or Buntlack white or coloured Capalac enamels/ varnishes
Wooden component parts	exterior	BFS Data Sheet No. 18	Capalac Holz-Imprägniergrund	Capalac Vorstreichfarbe		
Iron, steel	interior	derust / degrease	—	Capalac AllGrund		
	exterior	derust / degrease	—	2x Capalac AllGrund	if required Capalac Vorstreich-farbe	
Zinc (galvanised substrates)	interior	BFS Data Sheet No. 5	—	Disbon 481 EP-Uniprimer or Capalac AllGrund		
	exterior	BFS Data Sheet No. 5	—	Disbon 481 EP-Uniprimer or Capalac AllGrund		
Aluminium	interior	BFS Data Sheet No. 6	—	Capalac AllGrund	if required Capalac Vorstreich-farbe	
	exterior	BFS Data Sheet No. 6	—	Capalac AllGrund		
Rigid PVC	interior / exterior	BFS Data Sheet No. 22	—	Capalac AllGrund		
Stable existing paint coatings ¹⁾	interior / exterior	sanding	—	Capalac Vorstreichfarbe ¹⁾		

* Always apply two intermediate coats on dimensionally stable wooden parts, as per BFS Data Sheet No. 18.
¹⁾ Prepare and prime defects according to the substrate. Note: Adhesion must be tested in advance for powder coatings, coil coatings and other critical/problematic substrates by trials.

TECHNICAL INFORMATION NO. 032

Consumption

Consumption ml/m² per Coat:

Brush Application	Roller Application	Spray Application (Airless)
80 - 100	70 - 90	120

Consumption is only a guide value and may vary, depending on substrate requirements. Determine the exact amount of material required by coating a test area on site.

Application Conditions

Lower Temperature Limit for Application and Drying:

+ 5 °C for product, substrate and ambient air.

Relative humidity must not exceed 80 %.

Drying/Drying Time

At 20 °C and 65 % relative humidity	dust dry	dry to touch	recoatable	spraying	sanding
after hours	2	4	8	8 - 16	dry 10/wet 12

Lower temperatures and higher humidity extend the drying time.

Tool Cleaning

Immediately after use with white spirit.

Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)

Contains Fatty acids, C18-unsatd., dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine, neodecanoic acid, cobalt salt. May produce an allergic reaction. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Do not get in eyes, on skin, or on clothing. IF ON SKIN: Wash with plenty of soap and water.

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 must 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. 300 g/l (2010). This product contains max. 300 g/l VOC.

Giscode

BSL20

Substances of Content - Declaration

Alkyd resin, titanium dioxide, calcium carbonate, silicates, aliphatics, additives.

Customer Service Centre

Tel.: +49 6154 71-71710

Fax: +49 6154 71-71711

e-mail: kundenservicecenter@caparol.de

International Distribution: Please see www.caparol.com

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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.032 · Capalac Vorstreichfarbe · Issued: August 2023