

# Capalac Vorlack

Undercoat lacquer for wood and primed metal. Free of aromatic hydrocarbons. For exterior and interior use.



## Product Description

Field of Application

Pre-finishing lacquer (undercoat) to facilitate high-quality enamel coatings on exterior & interior wood or metal surfaces. Due to a typical odour of alkyd enamels, it is advisable to use Capacryl PU-Vorlack for priming coats on large, seamless interior surfaces instead.

Material Properties

- Excellent opacity (hiding/covering power), highly covering edges.
- High filling properties.
- High stability (low sagging).
- Excellent adhesion.
- Good sandability.
- Excellent flow.
- Thixotropic, non-dripping viscosity.
- Free of lead and chromate.
- Fast-drying.
- Colour shade is adjusted to match the white enamels/varnishes (Capalac).

Material Base / Vehicle

Alkyd resin with non-aromatic solvents.

Packaging/Package Size

- **Standard:**  
375 ml, 750 ml, 2.5 litres
- **ColorExpress:**  
500 ml, 750 ml, 2.5 litres

Colours

White

More colour shades can be tinted via ColorExpress (Capalac mix).

When colour shades with a lower opacity (hiding/covering power) are used, e.g. red, orange or yellow, it is advisable to apply one priming coat of Capalac Vorlack, tinted in a matching priming system colour, available via ColorExpress.

Gloss Level

Matt (flat)

Storage

Keep in a cool place, in tightly closed cans/containers.

Technical Data

- Density: Approx. 1.5 g/cm<sup>3</sup>

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  
Substrate Preparation  
Method of Application

Stir well before use. Capalac Vorlack can be applied by enamel brush, roller or spraying equipment.  
Wood components (wooden parts) and primed metals.  
Slightly sand the surface of wood and primed metals, followed by thorough cleaning.  
Capalac Vorlack is ready-to-use and can be applied by enamel brush or roller.

### Guidelines for Spray Application:

	Ø Nozzle	Pressure	Thinning/ Dilution	Material Temperature
Airless	0,009 - 0,013 inch	180 - 200 bar	in delivered viscosity	-
Aircoat-TempSpray	0,009 - 0,013 inch	180 - 200 bar	in delivered viscosity	35 °C

### Application:

Spray application via Airless & Aircoat is possible in delivered consistency by warming the material (TempSpray).

## Surface Coating System

Substrate		Substrate Preparation	Impregnation (Wood)	Priming Coat	Intermediate Coat	Finishing Coat
Wood & derivatives	interior	sanding	–	Capalac Vorlack	Capalac Vorlack	Capalac Weiß-/Buntlacke white or pigmented Capalac enamels/ varnishes (coloured paints)
Wood	exterior	BFS No. 18	Capalac Holz-Imprägniergrund	Capalac Vorlack		
Iron, steel	interior	derusting/cleaning	–	Capalac AllGrund or Rostschutzgrund		
	exterior	derusting/cleaning	–	2 x Capalac AllGrund or 2 x Rostschutzgrund		
Zinc, galvanised steel	interior	BFS No. 5	–	Disbon 481 EP-Uniprimer or Capalac AllGrund		
	exterior	BFS No. 5	–	Disbon 481 EP-Uniprimer or 2 x Capalac AllGrund		
Aluminium	interior	BFS No. 6	–	Capalac AllGrund		
	exterior	BFS No. 6	–	Capalac AllGrund		
Rigid PVC	interior/ exterior	BFS No. 22	–	Capalac AllGrund		
Stable existing coats of paint	interior/ exterior	sanding/alkali treatment	Prepare and prime defects according to the substrate			

Advice: Adhesion must be tested in advance for powder coatings, coil coatings and other critical/problematic substrates by trials.

Consumption  
Application Conditions  
Drying/Drying Time  
Tool Cleaning

Consumption ml/m <sup>2</sup>	Brush Application	Roller Application	Airless
vertically	80 - 100	70 - 90	90
horizontally	120	120	120

### Lower Temperature Limit for Application and Drying:

+5 °C for product, substrate and ambient air.  
Relative humidity must not exceed 80 %.

At 20 °C and 65 % relative humidity	dust dry	dry to touch	can be sanded, recoatable
after hours	2	4	approx. 12

Lower temperatures and higher humidity extend the drying time.

Immediately after use with white spirit.

**Advice**

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

If medical advice is needed, have product container or label at hand. Keep out of reach of children. Contains Fatty acids, C18-unsatd., dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine. May produce an allergic reaction. Do not get in eyes, on skin, or on clothing. IF ON SKIN: Wash with plenty of soap and water. Use P2 dust filter for grinding. Do not breathe spray dust. Use A2/P2 combination filter for paint spraying.

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.

Product Code Paints and Enamels

M-LL01 (Germany)

Substances of Content - Declaration

Alkyd resin, titanium dioxide, calcium carbonate, silicates, aliphatics, anti-skinning agent (butanone oxime), additives.

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