

# Capalac SuperWeiß

High gloss, PU alkyd resin-based white enamel.  
For exterior and interior use.



## Product Description

Field of Application	White enamel/top-coat lacquer for high-quality coatings on wood, metals and unplasticized (rigid) PVC, exteriors and interiors. Do not use on heating systems. Due to a typical odour of alkyd resin varnishes (alkyd enamels), it is advisable to use Capacryl PU-Gloss for coatings on large, seamless interior surfaces instead.
Material Properties	<ul style="list-style-type: none"> <li>■ Non-aromatic solvent</li> <li>■ High degree of whiteness</li> <li>■ High resistance to yellowing</li> <li>■ Brilliant gloss</li> <li>■ Elegant and easy application</li> <li>■ High stability (low sagging)</li> <li>■ High covering power on edges</li> <li>■ Excellent opacity (hiding/covering power)</li> <li>■ High impact strength and shock resistance</li> <li>■ Long open time</li> <li>■ Resistant to common household cleaning agents (detergents) and short-term resistance against weak acids and alkalis</li> <li>■ High weather resistance and lightfastness</li> <li>■ Fast-drying</li> <li>■ Superior flow</li> </ul>
Material Base / Vehicle	Polyurethane alkyd resin, solvent-based, free of aromatic hydrocarbons.
Packaging/Package Size	<ul style="list-style-type: none"> <li>■ <b>White:</b> 750 ml, 2,5 litres</li> <li>■ <b>Off-White:</b> 2,5 litres</li> </ul>
Colours	White (Weiß), Off-White (Altweiß)  <p><b>Note:</b> A material typical yellowing effect may occur on the surface of white/off-white and light-coloured alkyd enamels (caused by low UV radiation, heat or chemical influences due to e.g. ammonia vapour from detergents, adhesives, paint or sealing compounds). This yellowing is no product defect and cannot be objected.</p> <p><b>Colour Resistance according to BFS Data Sheet No. 26:</b> Binder: Class B Pigmentation: Group 1</p>
Gloss Level	High gloss
Storage	Keep in a cool place, in tightly closed cans/containers.
Technical Data	<ul style="list-style-type: none"> <li>■ Density: Approx. 1.2 g/cm<sup>3</sup></li> </ul>



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

Primed and pre-coated wood, iron, steel, zinc/galvanised substrates, aluminium (must not be anodised), and unplasticized/rigid PVC. The substrate must be clean, sound/stable, dry, and free from all substances that may prevent good adhesion.

Substrate Preparation

Roughen/sand the primed surface and clean thoroughly.

Method of Application

The product is ready-to-use and can be applied by enamel brush or roller.

### Guidelines for Spray Application:

	Ø Nozzle	Pressure	Thinning/Dilution	Material Temperature
Aircoat-TempSpray	0,009 - 0,013 inch	150 bar	delivered viscosity	35 °C

## Surface Coating System

Substrate	Use	Substrate Preparation	Impregnation	Priming Coat	Intermediate Coat	Finishing Coat
Wood & derivatives	interior	roughening (sanding)	–	Capalac Vorlack	–	Capalac SuperWeiß
Dimensionally stable wood components	exterior	BFS No. 18	Capalac Holz-Imprägnier-Grund	Capalac Vorlack	Capalac SuperWeiß	
Iron, steel	interior	derusting/degreasing	–	Capalac Allgrund or Rostschutzgrund	–	
	exterior	derusting/degreasing	–	2 x Capalac Allgrund or 2 x Rostschutzgrund	Capalac SuperWeiß	
Zinc	interior	BFS No. 5	–	Capalac AllGrund	–	
	exterior	BFS No. 5	–	Disbon 481 EP-Uniprimer or 2 x Capalac AllGrund	Capalac SuperWeiß	
Aluminium	interior	BFS No. 6	–	Capalac AllGrund	–	
	exterior	BFS No. 6	–	Capalac AllGrund	Capalac SuperWeiß	
Rigid PVC	interior/ exterior	BFS No. 22	–	Capalac AllGrund	–	
Stable existing coats of paint	interior/ exterior	slightly sanding/ alkali treatment	Prepare and prime defects according to substrate requirements		if necessary: Capalac SuperWeiß	

Advice: Adhesion must previously be tested for powder coatings, coil coatings and other critical/problematic substrates by a trial coating.

Consumption

### Consumption ml/m<sup>2</sup> per Coat

Brush Application	Roller Application	Aircoat
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

	dust dry	touch dry	recoatable (brush)	recoatable (spray)
At 20 °C and 65 % relative humidity				
after hours	3	5	8	8 - 16

Tool Cleaning

Lower temperatures, higher humidity and higher quantities of applied material extend the drying time.  
Immediately after use with white spirit.

## Advice

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

Flammable liquid and vapour. Harmful to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Avoid release to the environment. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Repeated exposure may cause skin dryness or cracking. Contains bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction. 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 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. 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, aliphatic hydrocarbons, driers, anti-skinning agent, additives.

Further Details

See Material Safety Data Sheet (MSDS).

Product name: Capalac SuperWeiß

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### Technical Information No.043 · Issue: May 2019

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.043 · Capalac SuperWeiß · Issued: January 2019