

# Capalac SeidenWeiß / SilkWhite

Silk-matt, PU alkyd resin based white enamel (synthetic varnish) for exterior and interior use. Free of aromatic hydrocarbons and compliant to EU DecoPaint Directive (VOC regulations).



## Product Description

|                         |  |
|-------------------------|--|
| Field of Application    | Suitable for high-quality finishing coats on wood, metals and unplasticized (rigid) PVC, exteriors and interiors. Do not use on heating systems.<br>Due to a typical odour of alkyd resin enamels, it is advisable to use Capacryl PU Satin for top coats on large-scale interior substrates instead.  |
| Material Properties     | <ul style="list-style-type: none"> <li>■ Non-aromatic solvent</li> <li>■ Complies with the requirements of EU DecoPaint Directive (VOC regulations)</li> <li>■ High degree of whiteness</li> <li>■ Noble silk-matt finish</li> <li>■ Long open time</li> <li>■ Highly stable</li> <li>■ Excellent opacity (hiding/covering power), also on edges</li> <li>■ High impact strength and shock resistance</li> <li>■ Easy to apply</li> <li>■ Quick-drying</li> <li>■ Excellent flow</li> <li>■ Resistant to normal household cleaners (detergents) and short-term resistance against weak acids and alkalis</li> <li>■ High weather and light resistance</li> </ul> |
| Material Base / Vehicle | Polyurethane alkyd resin, solvent-based, free of aromatic hydrocarbons.  |
| Packaging/Package Size  | 375 ml, 750 ml, 2.5 litres, 10 litres<br><br>■ Off-White: 2 litres   |
| Colours                 | White (Weiß), Off-White (Altweiß)<br><br><b>Note:</b> The typical yellowing of alkyd resins may occur and cannot be objected (caused by low UV radiation and white or bright colours, heat or chemical influences due to e.g. ammonia vapour from cleaning agents, adhesives, paint or sealing compounds).<br><br><b>Colour Resistance according to BFS Data Sheet No. 26:</b><br>Binder: Class B<br>Pigmentation: Group 1   |
| Gloss Level             | Silk-matt/semi-gloss (mid sheen / velvet or eggshell-like finish)  |
| Storage                 | Keep in a cool place, in tightly closed cans/containers.   |
| Technical Data          | ■ Density: Approx. 1.2 g/cm <sup>3</sup>   |



## Application

Suitable Substrates

Primed and pre-coated wood, iron, steel, zinc/galvanised substrates, aluminium (but no anodised aluminium), and unplastizised/rigid PVC. The substrate must be clean, sound/stable, dry, and free from all materials that may prevent good adhesion.

Substrate Preparation

Roughen/sand the primed surface slightly and clean thoroughly.

Method of Application

**Guidelines for Spray Application:**

|                   | Ø Nozzle         | Pressure    | Thinning            | Warming |
|-------------------|------------------|-------------|---------------------|---------|
| Aircoat-TempSpray | 0.009–0.011 inch | 180–200 bar | delivered viscosity | 35 °C   |

**Application:**

Spray application via Aircoat is possible in delivered consistency by warming the material (TempSpray). Capalac SilkWhite is ready-to-use and can be applied by brush or roller.

### Surface Coating System

| Substrate                            | Use                   | Substrate Preparation                | Impregnation  | Priming Coat                                    | Intermediate Coat                | Finishing Coat                 |
|--------------------------------------|-----------------------|--------------------------------------|---|---|----------------------------------|--------------------------------|
| Wood & derivatives                   | interior              | roughening (sanding)                 | –   | Capalac Vorlack                                 | –                                | Capalac SeidenWeiß / SilkWhite |
| Dimensionally stable wood components | exterior              | BFS No. 18                           | Capalac Holz-Imprägniergrund                                  | Capalac Vorlack                                 | Capalac SeidenWeiß               |                                |
| Iron, steel                          | interior              | derusting/degreasing                 | –   | Capalac AllGrund                                | –                                |                                |
|                                      | exterior              | derusting/degreasing                 | –   | Capalac AllGrund or Rostschutzgrund             | Capalac SeidenWeiß               |                                |
| Zinc, galvanised substrates          | interior              | BFS No. 5                            | –   | 2 x Capalac AllGrund                            | –                                |                                |
|                                      | exterior              | BFS No. 5                            | –   | Disbon 481 EP-Uniprimer or 2 x Capalac AllGrund | Capalac SeidenWeiß               |                                |
| Aluminium                            | interior              | BFS No. 6                            | –   | Capalac AllGrund                                | –                                |                                |
|                                      | exterior              | BFS No. 6                            | –   | Capalac AllGrund                                | Capalac SeidenWeiß               |                                |
| Unplastizised (rigid) PVC            | interior/<br>exterior | BFS No. 22                           | –   | Capalac AllGrund                                | –                                |                                |
| Sound existing coats of paint        | interior/<br>exterior | sanding/leaching (lixivate slightly) | Prepare and prime defects according to substrate requirements |   | if necessary: Capalac SeidenWeiß |                                |

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

Consumption

|  | Brush Application | Roller Application | Airless Application |
|--|-------------------|--------------------|---------------------|
| Applied quantity ml/m <sup>2</sup> /coat | 80–100            | 70–90              | 100–120             |

Consumption is only a guide value and may vary, depending on substrate requirements. The exact rate of consumption is best established by a trial coating.

Application Conditions

**Lower Temperature Limit for Application and Drying:**  
+5 °C for material, substrate and ambient air.

Drying/Drying Time

| At 20 °C and 65 % relative humidity. | dust dry | touch dry | recoatable (brush) | recoatable (spray) |
|--------------------------------------|----------|-----------|--------------------|--------------------|
| after hours                          | 4        | 8–10      | 24                 | 8–16               |

Lower temperatures, higher humidity and high quantities of applied material 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)

Repeated exposure may cause skin dryness or cracking.  
 Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place.  
 Keep away from source of ignition – do not smoke. Do not breathe vapour/spray dust (aerosol).  
 Avoid contact with eyes and skin.  
 Do not empty into drains, water courses or onto the ground.  
 In case of insufficient ventilation, wear suitable respiratory equipment. Use only in well-ventilated areas.  
 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.  
 Contains 2-Butanonoxime, cobalt carboxylate. May cause an allergic reaction.  
 Further information: See Safety Data Sheet (MSDS).

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. Cans/containers with residues must be sent to the collecting point for old enamels.

EU limit value for the VOC content

of this product (category A/d): 300 g/l (2010). This product contains max. 300 g/l VOC.

Product Code Paints and Enamels

M-LL01

Substances of Content - Declaration

Alkyd resin, saturated hydrocarbons, titanium dioxide, silicates, driers, anti-skinning agent, additives

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