

# Capalac SuperWeiß

The top coat with unique flow

## 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><br/>750 ml, 2,5 litres</li> <li>■ <b>Off-White:</b><br/>2,5 litres</li> </ul>  |
| Colours                 | White (Weiß), Off-White (Altweiß)   |
| 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>   |

**Note:** 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.

**Colour Resistance according to BFS Data Sheet No. 26:**

Binder: Class B  
Pigmentation: Group 1



# TECHNICAL INFORMATION NO. 043

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/<br>exterior | BFS No. 22            | –   | Capalac AllGrund                                | –                                  |                   |
| Stable existing coats of paint       | interior/<br>exterior | slightly sanding      | Prepare and prime defects according to substrate requirements |   | if necessary:<br>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

| At 20 °C and 65 % relative humidity | dust dry | touch dry | recoatable (brush) | recoatable (spray) |
|-------------------------------------|----------|-----------|--------------------|--------------------|
| 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 vapor. May cause an allergic skin reaction. 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. Wear protective gloves/ protective clothing/ eye protection/ face protection. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. Dispose of contents/ container to an approved waste disposal plant. Repeated exposure may cause skin dryness or cracking. Contains: Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate, phthalic anhydride, neodecanoic acid, cobalt salt. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

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.

Substances of Content - Declaration

Alkyd resin, titanium dioxide, aliphatic hydrocarbons, driers, anti-skinning agent, additives.

Further Details

See Material Safety Data Sheet (MSDS).

Customer Service Centre

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