

Capalac Basic SM

Silk-matt coloured alkyd resin enamel.



Product Description

Field of Application

Building paint for silk-matt, coloured finishing coatings on dimensionally stable exterior and interior wooden parts, metal and rigid PVC and for hot water radiators with the exception of white shades.

Because of the typical odour developed by acrylic resin paints, we recommend Capacryl PU-Gloss for covering large areas indoors.

Material Properties

- Free from aromatic hydrocarbons
- Long open-time
- Very low sagging
- Very good opacity, high covering power on edges
- High impact strength and shock resistance
- Elegant, easy application
- Fast-drying
- Superior flow
- Resistant to normal household cleaners and short-term resistance to weak acids and alkalis

Material Base / Vehicle

Alkyd resin, contains solvents, free from aromatic hydrocarbons

Packaging/Package Size

- **White:**
750 ml, 2,5 l, 10 l
- **ColorExpress:**
750 ml, 2,5 l, 10 l

Colours

Standard shade: White
Colours: ColorExpress

Note: A temporary pigment abrasion may occur on the paint surface with intense or dark shades – a transparent sealing coat of Capalac Kunstharz-Klarlack may need to be applied.

Yellowing of the paint surface may occur with light colours and white, due to the effects of lack of light (UV radiation), heat or chemical influences such as ammonia vapours from cleaning agents, adhesives, paints or sealing compounds. This yellowing is typical of the material and does not constitute a product defect.

Colour resistance according to BFS Data Sheet No. 26:

Binder: Class B

Pigmentation: Group 1 to 3, depending on the colour

Gloss Level

Silk matt

Storage

Cool
Keep container tightly sealed.

Technical Data

- Density: approx. 1.1 g/cm³ depending on colour



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

*Of limited suitability, since the odour typical of the product is likely to develop. As an alternative, use Capacryl PU-Satin / Gloss

Application

Suitable Substrates

Primed and undercoated wood, metal and rigid PVC.
The substrate must be clean, stable, dry and free from all substances that may prevent good adhesion. The wood moisture may not exceed 13% with dimensionally stable wooden parts.

Substrate Preparation

Roughening and cleaning the primed surface.

Method of Application

Capalac Basic SM can be painted, rolled or sprayed on. Stir well before use.

Guidelines for Spray Application:

	Ø Nozzle size	Pressure	Dilution	Material warming
Aircoat-TempSpray*	0,009–0,011 inch	180–200 bar	undiluted	35 °C

Can be sprayed in delivery consistency with Aircoat if material is warmed (TempSpray).

Surface Coating System

Substrate	Usage	Substrate preparation	Impregnation	Priming	Intermediate coat	Finishing Coat
Wood, wood materials	interior	sanding	–	Capalac Basic Vorlack	if needed Capalac Basic SM	Capalac Basic SM ²⁾
Wood parts (dim. stable windows or outside doors)	exterior	BFS No. 18	Capalac Holz-Imprägniergrund	Capalac Basic Vorlack	Capalac Basic SM	
Iron, steel	interior	derusting/cleaning	–	Capalac AllGrund	if needed Capalac Basic SM	
	exterior	derusting/cleaning	–	2 x Capalac AllGrund	Capalac Basic SM	
Zinc	interior	BFS No. 5	–	Disbon 481 EP-Uniprimer or Capalac AllGrund	if needed Capalac Basic SM	
	exterior	BFS No. 5	–	Disbon 481 EP-Uniprimer or 2 x Capalac AllGrund	Capalac Basic SM	
Aluminium	interior	BFS No. 6	–	Capalac AllGrund	if needed Capalac Basic SM	
	exterior	BFS No. 6	–	Capalac AllGrund	Capalac Basic SM	
Rigid PVC	interior/ exterior	BFS No. 22	–	Capalac AllGrund	if needed Capalac Basic SM	
Sound old paints	interior/ exterior	sanding/leaching	– ¹⁾	Capalac AllGrund ¹⁾	if needed Capalac FinishLine SM	Capalac ³⁾ Basic SM colored ³⁾
Uncoated radiators	interior	derusting/cleaning	–	Capalac AllGrund up to 100 °C	Capalac ³⁾ Basic SM	
Factory-Painted radiators	interior	sanding	–	Disbon 481 EP-Uniprimer up to 100 °C	Capalac ³⁾ Basic SM	

- 1) Pretreat damage to old paintwork to suit the substrate in question.
 2) Pigment abrasion may occur with intense shades. Transparent sealing is required.
 3) No white shades on radiators. Risk of yellowing!

Note: Adhesion must always be tested in advance for powder coatings, coil coatings and other critical substrates by trials (coating a test area on site).

Consumption

Quantity used ml/m ² /Application	Painting	Rolling	Spraying(Aircoat)
	150 g	120 g	180 g

The consumption value is a guide value which may vary depending on the nature of the substrate. Precise consumption values can only be determined by coating a test area on site.

Application Conditions

Temperature of Product, Ambient Air and Substrate:

Min. 5 °C

Relative humidity must not exceed 80 %.

Drying/Drying Time

At 20 °C and 65% relative humidity.	dust dry	dry to handle	recoatable	resprayable
after hours	4	8–10	24	8–16

Drying times are longer at lower temperatures, with poorer ventilation, at higher humidity and if larger quantities are applied.

Tool Cleaning

After use with white spirit or turpentine substitute.

Advice

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

Flammable liquid and vapour. 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. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Contains 2-butanone oxime, Fatty acids, C18-unsatd., dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine. 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 (cat. A/d) 300 g/l (2010). This product contains max. 300 g/l VOC.

Giscode

BSL20

Substances of Content - Declaration

Alkyd resin, titanium dioxide, calcium carbonate, colour pigments, silicates, aliphates, additives

Further Details

See safety data sheet.

Technical Assistance

It is impossible to list the wide variety of substrates and their specific problems in this information leaflet. If substrates are to be coated that are not listed in this Technical Information, please contact us or our technical sales staff. We will happily provide you with detailed, specific advice.

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.047 · Capalac Basic SM · Issued: February 2019

CAPAROL Farben Lacke Bautenschutz GmbH · Roßdörfer Straße 50 · D-64372 Ober-Ramstadt · Internet www.caparol.com · E-Mail info@caparol.de