

Capalac BaseTop Gloss

The highly opaque window coating



Product Description

Field of Application

High-quality one pot enamel for priming, intermediate and finishing coats on dimensionally stable wooden parts and on wood with only limited dimensional stability (except timber framing and façade cladding) and primed metal, exteriors and interiors.

Ideally suitable for renovation on existing coatings without additional priming. On window folding shutters the use of protective paint Capadur Wetterschutzfarbe NQG/Matt is advisable. Do not use for garden and seating furniture. Do not apply white shades on heating systems to avoid yellowing (apply Capalac Heizkörperlack instead).

Due to a typical smell of alkyd resin enamels the use of Capacryl TriMaXX Venti or PU-Satin/Gloss instead of Capalac BaseTop Gloss is advisable for large-area treatment of interior surfaces.

Material Properties

- Diffusion-capable
- High opacity (hiding/covering power) on surfaces and edges
- High filling capacity
- Fast drying
- Excellent weather resistance due to silicone modified alkyd resin
- Durable surface
- Resistant to normal household cleaners

Material Base / Vehicle

Silicone alkyd resin enamel with non-aromatic solvents.

Packaging/Package Size

- **White:**
2,5 litres
- **ColorExpress:**
2,5 litres

Colours

White. Further colours available via the ColorExpress (Capalac mix) tinting machine system.

A product typical yellowing of painted surfaces may occur on white and light/bright colour shades caused by UV radiation, heat or chemical influences due to e.g. ammonia vapour from cleaning agents, adhesives, paint or sealing compounds. This does not represent any product defects and cannot be objected.

Colour Resistance according to BFS Data Sheet No. 26:

Binder: Class B
Pigmentation: Group 1 to 3, depending on the colour.

Gloss Level

Gloss (according to DIN EN 13300)

Storage

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



TECHNICAL INFORMATION NO. 083

Technical Data

■ Density: Approx. 1.3 g/cm³

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 wood and metal.

Do not apply on anodized aluminium.

Substrates must be clean, sound/stable, dry and free from all substances that may prevent good adhesion. Max. permissible moisture content of dimensionally stable wood: 13 %, parts with only limited dimensional stability: 15 %.

Substrate Preparation

Wooden Parts:

Sand the surface in fibre direction, clean thoroughly, remove seeping wood extractives, e.g. resins and resin galls, cut sharp edges (see BFS Data Sheet No. 18).

Iron, Steel:

Derust to industry standard SA 2 ½ (blasting) or ST3 (mechanically) as per DIN EN ISO 12944-4.

Aluminium (not anodised):

Clean with destined detergents, e.g. Gescha Multi-Star, then sand with a plastic abrasive fleece (see BFS Data Sheet No. 6)..

Existing Coats of Paint:

Sand the surface of existing non-thermoplastic coats slightly and/or treat with alkali.

Method of Application

Capalac BaseTop Gloss is ready-to-use and applicable with paint brush or roller. Stir well before use.

Guidelines for Spray Application:

	Ø Nozzle	Pressure	Thinning	Material Temperature
Aircoat Tempspray	0.011 - 0.013 inch	180 - 200 bar	unthinned	35 °C*

* **Note:** Maximum allowable temperature for heating due to the flash point of Capalac BaseTop Gloss: 35 °C.

Aircoat spray application of product in delivered consistency is possible after heating treatment (Tempspray).

Surface Coating System

Substrate	Use	Substrate Preparation	Impregnation	Priming Coat	Intermediate Coat	Finishing Coat
Wood, derived timber products	interior	sanding/cleaning	–	Capalac BaseTop Gloss	if required Capalac BaseTop Gloss	Capalac BaseTop Gloss
Wood	exterior	BFS Data Sheet No. 18	Capalac Holz-Imprägnier-Grund	Capalac BaseTop Gloss	Capalac BaseTop Gloss	
Iron, steel	interior	derusting/degreasing	–	Capalac AllGrund	if required Capalac BaseTop Gloss	
	exterior	derusting/degreasing	–	2 x Capalac AllGrund	Capalac BaseTop Gloss	
Aluminium	interior/ exterior	BFS Data Sheet No. 6	–	Capalac AllGrund	if required Capalac BaseTop Gloss	
Sound existing coats of paint ¹	interior/ exterior	sanding/treat with alkali	Prepare and prime damaged spots according to the respective substrate		if required Capalac BaseTop Gloss	

¹Pretreat defects in existing enamel coatings according to substrate requirements.

Note: Adhesion must be tested in advance for powder coatings, coil coatings and other critical substrates by trial application on site.

Consumption

	Brush application	Roller application	Spray application
Consumption ml/m ² per coat	80 - 100	70 - 90	100 - 120

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

Application Conditions

Lower Temperature Limit for Application and Drying:

+5 °C for product, substrate and ambient air.

Drying/Drying Time

At 20 °C and 65 % relative humidity	dust dry	dry to touch	recoatable
after hours	approx. 6	12	16 - 18

Lower temperatures and higher humidity or thick layers extend the drying time.

Tool Cleaning

Immediately after use with thinner for synthetic resin or 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. 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. 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 emptied cans/containers must be given 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.

Giscode

BSL20 (Germany)

Substances of Content - Declaration

Alkyd resin, aliphatic hydrocarbons, titanium dioxide, calcium carbonate, silicates, driers, antiskinning agent, additives.

Further Details

See Material Safety Data Sheets (MSDS).

Customer Service Centre

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