

Capalac BaseTop Venti Gloss

Glossy, excellently hiding enamel system for windows.
All-round enamel for economic exterior and interior use.



Product Description

Field of Application	<p>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), primed metal and unplasticized (rigid) PVC, exteriors and interiors.</p> <p>Ideally suitable for renovation on existing coatings without additional priming. On window folding shutters the use of protective paint Capadur Color Wetterschutzfarbe 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 PU-Satin/Gloss instead of Capalac BaseTop is advisable for large-area treatment of interior surfaces.</p>
Product Properties	<ul style="list-style-type: none"> ■ 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 ■ Free of aromatic hydrocarbons
Product Base / Vehicle	Silicone alkyd resin enamel with non-aromatic solvents.
Packaging/Package Size	<ul style="list-style-type: none"> ■ White: 750 ml, 2.5 litres ■ ColorExpress: 2.5 litres
Colours	<p>White. Special tints available via ColorExpress (Capalac mix) tinting machine system.</p> <p>A product typical yellowing of painted surfaces may occur on white and light 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.</p> <p>Colour Resistance corresponding to BFS Data Sheet No. 26: Binder: Category B Pigmentation: Group 1 to 3, depending on the colour shade</p>
Gloss Level	Glossy
Storage	<p>Keep in a cool place. Keep the can/container always tightly closed.</p>
Technical Data	<ul style="list-style-type: none"> ■ Density: Approx. 1.3 g/cm³



Application

Suitable Substrates

Primed and pre-painted wood, metal and unplasticised (rigid) PVC.
Substrates must be clean, sound/stable, dry and free from all substances that may prevent good adhesion. Max. permissible moisture content in dimensionally stable wood: 13 %; in parts with only limited dimensional stability: 15 %.

Substrate Preparation

Wooden Parts:

Sand the surface in fibre direction, clean thoroughly, remove exuding 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 1/2 (blasting) or ST3 (mechanically) according to DIN EN ISO 12944-4.

Zinc, Unplasticised (Rigid) PVC:

Wash with light ammonia solution with sanding pad as per BFS Data Sheets No. 5 and No. 22.

Aluminium (not anodised):

Clean with nitro-thinner or phosphoric-acid solution with sanding pad as per 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

Guidelines for Spray Application:

	Ø Nozzle	Pressure	Thinning	Material Temperature
Aircoat Tempspray	0.011 - 0.013 inch	180 - 200 bar	unthinned	40 °C*

* **Note:** Maximum allowable temperature for heating due to the flash point of Capalac BaseTop-Gloss: 40 °C.

Application:

Aircoat spray application of product in delivered consistency is possible after heating treatment (Tempspray). Capalac BaseTop-Gloss is applicable with paint brush or roller and is ready-to-use.

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	
Zinc / galvanised substrates	interior	BFS Data Sheet No. 5	–	Capalac AllGrund	if required Capalac BaseTop-Gloss	
	exterior	BFS Data Sheet No. 5	–	2x Capalac AllGrund or 1x Disbon 481 EP-Uniprimer ¹	Capalac BaseTop-Gloss	
Aluminium	interior/ exterior	BFS Data Sheet No. 6	–	Capalac AllGrund	if required Capalac BaseTop-Gloss	
Sound existing coats of paint ²	interior/ exterior	sanding/treat with alkali	Prepare and prime damaged spots according to the respective substrate		if required Capalac BaseTop-Gloss	

¹ The intermediate coat can be omitted, when Disbon 481 EP-Uniprimer is applied on zinc (galvanised substrates).

² Non thermoplastic

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

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 rate of consumption is best established by a trial coating.

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	touch-dry	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)

Capalac BaseTop Venti Gloss (White) & Capalac mix Base TopVenti Gloss (Base White):

Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. 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 fumes/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 the container or label. Contains Bis(1,2,2,6,6-pentamethyl-piperidyl)sebacat, methyl-(1,2,2,6,6pentamethyl-4-piperidyl)sebacate, 2-Butanonoxime. May cause allergic reaction.

Capalac mix BaseTop Venti Gloss (Base Transparent):

Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. 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. 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 the container or label. Contains cobalt carboxylate, Bis(1,2,2,6,6-pentamethyl-piperidyl)sebacate, methyl-(1,2,2,6,6pentamethyl-4-piperidyl)sebacate, 2-Butanonoxime. May cause allergic reaction.

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 should be given for recycling. Dispose containers with residues of liquid product via a waste collection point accepting old enamels.

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

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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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. 083 · Capalac BaseTop Venti Gloss · Issued: July 2011