

# Capadur DecorLasur

Water-dilutable, polyurethane-based wood stain/glazing.  
For exterior and interior use.



## Product Description

Field of Application	<p>Suitable for colourful design and protection of dimensionally stable wooden structural elements, e.g. windows and doors, wood with limited dimensional stability such as shutters, gates, panelling with tongue and groove, framework, etc., and for wooden parts of unstable shape, e.g. fences, shingles, balustrades, form boards, pergolas, etc. For exterior and interior use. Please follow BFS Data Sheet No. 18 section 2.2.3 et seq. before coating plate-type wood-based materials, e.g. boards of solid wood or veneer plywood.</p> <p>Caparol-Fungizid can be added to protect surfaces temporarily against fungal and algal attack, but only for exterior use. Caparol-Fungizid counteracts the infestation as a film protective agent. Nevertheless, on highly endangered wood-based materials like plywood (e.g. maritime pine boards) or OSB (Oriented Strand Board), infestation may reappear before the end of regular warranty periods. Do not apply Capadur DecorLasur in the interiors and on toys, when combined with Caparol-Fungizid.</p>
Material Properties	<ul style="list-style-type: none"> <li>■ Water-thinnable/-dilutable.</li> <li>■ Non-blocking.</li> <li>■ Highly elastic.</li> <li>■ Highly diffusion-capable.</li> <li>■ Suitable for children toys according to DIN EN 71-3.</li> </ul>
Material Base / Vehicle	PU acrylic dispersion/emulsion.
Packaging/Package Size	<p>■ <b>Standard Colours:</b> 750 ml: Pine (Kiefer), Oak, bright (Eiche hell), Walnut (Walnuß), Nut Tree (Nußbaum), Palisander, Teak, Mahogany (Mahagoni), Ebony (Ebenholz), Transparent (Farblos); 2.5 litres: All standard colours; 5 litres: White (Weiß), Transparent (Farblos); 375 ml: Transparent (Farblos)</p>
Colours	<p>■ <b>Standard Colours:</b> Transparent (Farblos), Pine (Kiefer), Ebony (Ebenholz), Oak, bright (Eiche hell), Mahogany (Mahagoni), Nut Tree (Nußbaum), Palisander, Teak, Walnut (Walnuß), White.</p> <p>Tinting via ColorExpress stations (Capamix) in 89 special colour shades of the Caparol 3D Colour System plus according to the colour fan, and in many shades of other colour collections.</p> <p>Note: Some colours are only limited suitable for exterior use. Detailed information available at the ColorExpress stations. Use transparent material on exterior substrates only as a priming coat under coloured glaze/scumble or as finishing coat on intensively toned (dark) glaze coats, otherwise a sufficient protection of wood from UV rays cannot be guaranteed. Do not use transparent product on exterior surfaces, when exposed to UV rays and weathering.</p>
Gloss Level	Satin-finished (silky lustre/semi-gloss). The gloss level may vary depending on the wood surface.



Storage

Technical Data

Suitability according to Technical Information No. 606 Definition of Application Areas

The original, tightly closed packaging has a minimum shelf life of 1 year.

- Density: Approx. 1.05 g/cm<sup>3</sup>
- Solids content: Approx. 35 %

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
+	+	+	+	+
(-) inapplicable / (○) of limited suitability / (+) suitable				

## Application

Suitable Substrates

Substrate Preparation

Dimensionally stable or limited stable wood and wooden parts of unstable shape. The substrate must be clean, sound/stable, and free from all substances that may prevent good adhesion. The wood moisture content (WMC) must not exceed 13 % for dimensionally stable wood and max. 15 % for other types. Follow the principles of constructional wood preservation. They are a premise for long-lasting wood preservation with coating materials. In adverse conditions noticeable yellowing may occur with the use of white shades, caused by wood components that leave marks.

**New Wood:**  
Sand smooth/even surfaces in fibre direction, clean thoroughly and remove extruding wood extractives, e.g. wood resin/rosin and resin galls. Apply one priming coat of Capacryl-Holzschutz-Grund on exterior surfaces.

**Existing Wood:**  
Sand (abrade/grind off) greyed, weathered surfaces to the stable, solid substrate and clean the surface. Apply one priming coat of Capacryl-Holzschutz-Grund on exterior surfaces.

**Coated Wood:**  
Remove unsound existing coatings completely to the stable wood and clean thoroughly. Apply one priming coat of Capacryl-Holzschutz-Grund on exterior surfaces. Sand the surface of adherent existing coatings and clean thoroughly. Then check for compatibility with Capadur DecorLasur.

**Exterior Wood Exposed to Fungal and Algal Attack (Preventive Protection):**  
Prepare substrates as previously described. Add 6 % by volume of Caparol-Fungizid to Capadur DecorLasur and stir thoroughly. Follow Technical Information of Caparol-Fungizid.

**Exterior Wood with Fungal and Algal Attack:**  
Wash off all fungal (fungi/mildew/mould) and algal attack, then use Capatox. Substrate preparation as above-mentioned. Add 6 % by volume of Caparol-Fungizid to Capadur DecorLasur and stir thoroughly. Follow Technical Information of Capatox and Caparol-Fungizid.

### Method of Application

Guidelines for Spray Application:				
	Working/ Spray Pressure	Atomizing Pressure	Thinning	Nozzle
Airless	160 - 180 bar			0.23 - 0.28 mm = 0.009 - 0.011 inch
Airmix/Aircoat	60 - 90 bar	1 - 2.5 bar	max. 5 %	0.23 - 0.28 mm = 0.009 - 0.011 inch
Finecoat			10 - 25 %	1.3 - 1.8 mm (3 - 4)
High Pressure Beaker / Flow Pistol		2 - 4 bar	10 - 25 %	1.5 mm

Surface Coating System

**Application:**  
Stir Capadur DecorLasur before use. Apply with brush or spraying equipment. Dilute with tap (potable) water for spray application. Do not apply mixtures of Capadur DecorLasur and Caparol-Fungizid with spraying units.

## Surface Coating System:

	Exterior <sup>1)</sup>	Interior
	<b>Dimensionally stable, limited dimensionally stable, and unstable wooden parts</b>	
<b>Priming coat</b>	Capacryl Holzschutz-Grund	Capadur DecorLasur
<b>Intermediate coat</b>	2 x Capadur DecorLasur	generally not necessary
<b>Finishing coat</b>	Capadur DecorLasur	Capadur DecorLasur

<sup>1)</sup> A minimum of three applications (pigmented product) is necessary for an optimum protection against UV rays.

Consumption

**Brush application on smooth/even surfaces:**  
Approx. 80 - 100 ml/m<sup>2</sup>

Application Conditions

**Brush application on saw-rough surfaces:**  
Approx. 200 - 250 ml/m<sup>2</sup>

Drying/Drying Time

**Lower Temperature Limit for Application and Drying:**  
Min. 8 °C for product, ambient air and substrate.

At 20 °C and 65 % relative humidity: dust-dry after 20 - 30 minutes, touch dry (dry to handle) after 2 - 3 hours, completely dry and recoatable after 6 - 8 hours.

## Advice

Please Note (Status as at Date of Publication)

Keep out of reach of children. Do not breathe spray dust. Use combifilter A2/P2 when spraying. Use P2 dust filter for grinding. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, rinse immediately with plenty of water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water.  
Further information: See Material Safety Data Sheet (MSDS).

Disposal

Materials and all related packaging must be disposed of in a safe way in accordance with the 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 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/e): max. 130 g/l (2010). This product contains max. 30 g/l VOC.

Product Code Paints and Enamels

M-KH01

Substances of Content - Declaration

**Substances of Content according to VdL-RL01:**  
Polyurethane/polyacrylate resin, coloured pigments, water, glycols, ester alcohol, additives, preservative (Methyl-/Benzisothiazolinone).

Customer Service Centre

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## Technical Information No. 187 · Issue: January 2015

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. 187 · Capadur DecorLasur · Issued: February 2014