

# Capadur F7-LangzeitLasur

The protective glaze



## Product Description

### Field of Application

For colourful designing as well as moisture and UV protection of dimensionally stable wooden parts, such as doors and windows. Also suitable for limited stable wooden parts exteriors and interiors, e.g. panelling with tongue and groove, shutters, gates, etc.  
Germany: Follow BFS Data Sheet No. 18, section 2.2.3 et seq. for coating boards of derived timber products, e.g. solid wood panels/plates or veneered plywood.  
Provide for care or renovation intervals of 2 to 3 years for exterior substrates subjected to weathering, as per current state of the art.

### Material Properties

- Free of biocides.
- Drip inhibited
- High protection against UV rays due to transparent iron oxide pigments.
- Additional protection against UV rays due to protective filter.
- Durable moisture protection.
- Highly diffusion-capable.
- Even surface aspect without lapping due to the long open time.

### Material Base / Vehicle

Alkyd resin with low-aromatic solvents.

### Packaging/Package Size

- **Standard Colours:**  
750 ml, 2,5 l
- **ColorExpress:**  
700 ml, 2,5 l, 5 l

### Colours

- **Standard Colours:**  
Transparent, Pine, Oak, Walnut, Nut Tree, Rosewood, Teak, Mahogany, Ebony.

Tinting via the ColorExpress stations (Capamix and Capalac mix) in many shades of other colour collections.

### Note:

Some shades are only limited suitable for exterior use. Detailed information available at ColorExpress stations. Apply unpigmented Capadur F7 LangzeitLasur "Transparent" on exterior substrates only as a priming coat before applying pigmented translucent coatings or as top coat on dark pigmented translucent coatings to guarantee sufficient protection against UV rays. Do not use transparent product on exposed exterior surfaces subjected to weathering.

### Gloss Level

Silk-/satin-gloss (mid sheen).  
The gloss level may vary depending on the substrate.

### Storage

Keep in a cool place, in tightly closed packaging.



## Technical Data

- Density: Approx. 0.95 g/cm<sup>3</sup>
- Solids content: Approx. 60 % by weight.

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

Dimensionally stable and limited stable wooden component parts. The substrate must be clean, sound/solid/stable, and free from all substances that may prevent good adhesion. The moisture content in dimensionally stable wood must not exceed 13 %. Max. moisture content of limited dimensionally stable wood: max. 15 %.

Basic principles of wood preservation for constructions must be followed. They are a precondition for durable wood preservation with coating materials.

### Substrate Preparation

#### New Wooden Parts:

Sand/grind smooth surfaces in the direction of fibres, clean thoroughly and remove seeping substances of content, e.g. resins and resin galls (pitch pockets). Prime exterior substrates with Capalac Holz-Imprägniergrund.

#### Untreated Existing Wood:

Abrade greyish, weathered surfaces until a stable substrate is achieved and clean thoroughly. Prime exterior substrates with Capalac Holz-Imprägniergrund.

#### Coated Wood:

Remove unstable coatings completely. Prime exterior substrates with Capalac Holz-Imprägniergrund. Roughen/sand the surface of stable coatings, clean thoroughly and check for compatibility with Capadur F7-LangzeitLasur.

### Method of Application

Capadur F7-LangzeitLasur is ready-to-use and may be applied by brush, in delivered viscosity.

### Surface Coating System

#### Application:

Surface Coating System:			
	Exterior	Exterior	Interior
	Dimensionally stable wooden parts	Limited dimensionally stable wooden parts	
Priming coat	Capalac Holz-Imprägniergrund	Capalac Holz-Imprägniergrund	Capadur F7-LangzeitLasur
Intermediate coat	1 x Capadur LasurGel <sup>1)</sup>	2 x Capadur LasurGel	Normally not required
Finishing coat	2 x Capadur F7-LangzeitLasur	Capadur F7-LangzeitLasur	Capadur F7-LangzeitLasur

<sup>1)</sup> For optimized protection against UV rays two intermediate coats are necessary for light colours. For dark pigmented translucent coatings (Nut Tree or darker) one intermediate coat is sufficient. The unpigmented product "Transparent" has no protective effect against UV rays and is only suitable as base material for tinting or for interior use.

#### Grain technique for coating wooden parts, exteriors

	Prime untreated wood surfaces with Capalac Holz-Imprägniergrund
Wooden surfaces - stained or unsuitable for the application of translucent coatings	1 - 2 x Capadur UniversalLasur in renovation colour (as standard colour) or: 1 - 2 x Capalac Grundierweiß, tinted via ColorExpress in the required colour shade for renovation
	1 - 2 x Capadur F7-LangzeitLasur

### Consumption

Brush-application: Approx. 80 - 100 ml/m<sup>2</sup>.

### Application Conditions

#### Lower Temperature Limit for Application and Drying:

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

### Drying/Drying Time

At 20 °C and 65 % relative humidity, dry and recoatable after approx. 10 - 16 hours. Drying time and gloss level are influenced by the substrate's absorbency. On wood with special substances of content (ingredients), e.g. oak, the drying time may be longer.

### Tool Cleaning

After usage clean with synthetic resin thinner or universal thinner.

**Advice**

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

Flammable liquid and vapor. May cause an allergic skin reaction. 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.

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/e): max. 400 g/l (2010). This product contains max. 400 g/l VOC.

Giscode

BSL40

Substances of Content - Declaration

Alkyd resin, coloured pigments, aliphatics, silicates, additives.

Further Details

See Material Safety Data Sheet.

Customer Service Centre

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