

# Capadur LasurGel

The drip inhibited



## Product Description

### Field of Application

For colourful designing and protection of wooden parts of non dimensionally stable shape, e.g. fences, balustrades, pergolas, etc. In Germany: Follow BFS Data Sheet No. 18, section 2.2.3 et seq. for coating boards of wood-based materials, e.g. solid wood panels or laminated veneer lumber. Do not use for interior spaces.

### Material Properties

- Gel-like
- Thixotropic
- Non-dripping
- Thin film
- Open-pored/porous, moisture regulating
- High protection against UV rays
- Easy to apply
- Easy renovation
- Non-flaking
- Contains a preservative against deterioration in the coating film due to fungal attack

### Material Base / Vehicle

Alkyd resin, free of aromatic hydrocarbons.

### Packaging/Package Size

**Standard colours:**  
2,5 litres.

**ColorExpress:**  
700 ml, 2,5 litres, 5 litres

### Colours

- **Standard Colours:**  
Transparent, Pine, Oak (light-coloured), Nut tree, Walnut, Teak, Palisander (rosewood).
- Tinting via ColorExpress stations (Capatint and Capalac mix). Tinting base is the colour shade Transparent.

Note: Some colour shades are only limited suitable for exterior use. Detailed information available at ColorExpress stations. Use transparent product only for priming coat - equalising the absorbency of wooden substrates - before applying pigmented coatings, otherwise a sufficient protection of wood against detrimental effects of UV rays cannot be guaranteed.

### Gloss Level

Silk flat/semi-matt. The gloss level may vary depending on the substrate.

### Storage

Keep in a cool place, in tightly closed packaging.

### Technical Data

- Density:                      Approx. 0.85 g/cm<sup>3</sup>
- Solids content:            Approx. 17 - 20 % by weight, depending on the pigmentation.



# TECHNICAL INFORMATION NO. 184

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 unstable, absorbent wooden parts. The substrate must be clean, stable/solid, and free from all substances that may prevent good adhesion. Permissible wood moisture content (WMC) exteriors: 12 % for hardwood and 15 % for softwood, on an average. Basic principles of wood preservation for constructions must be followed. They are a precondition for long-lasting wood preservation with coating materials.

Substrate Preparation

**New Wood:**

Sand/grind smooth surfaces in fibre direction, clean thoroughly and remove seeping wood contents, e.g. wood resin/rosin and resin galls (pitch/resin pockets).

**Existing Uncoated Wood:**

Sand/grind off greyed, weathered surfaces to the stable, solid substrate and clean the surface very thoroughly.

**Coated Wood:**

Remove existing coatings such as enamels and thick-film wood stain to the stable, absorbent wood and clean thoroughly. Roughen/sand the surface of adherent thin-film wood stain (translucent coatings) and clean thoroughly. Check for compatibility with Capadur LasurGel.

Method of Application

**Application:**

Capadur LasurGel can be brush applied without stirring.

Surface Coating System

| Substrate                           | Impregnation                 | Intermediate Coat                             | Finishing Coat   |
|-------------------------------------|------------------------------|---|------------------|
| Dimensionally unstable wooden parts | Capalac Holz-Imprägniergrund | 1 - 2 coats of Capadur LasurGel <sup>1)</sup> | Capadur LasurGel |

<sup>1)</sup> For light/bright colour shades two coats are necessary to obtain an optimal UV protection. One intermediate coat will normally be sufficient for dark shades (Nut Tree or darker). The transparent product has no UV protection and is preferably used as base material for tinting.

Consumption

**Brush application on smooth wooden surfaces:**

Approx. 80 - 100 ml/m<sup>2</sup> per coat, depending on substrate absorbency.

**Brush application on semi-rough (sawn) wooden surfaces:**

Approx. 200 - 250 ml/m<sup>2</sup> per coat, depending on substrate absorbency.

Application Conditions

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

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

Relative humidity must not exceed 80 %.

Drying/Drying Time

At 20° C and 65 % relative humidity dry and recoatable after 12 hours. The absorbency of wooden substrates influences drying time and gloss level. On wood containing wood ingredients/contents (e.g. oak wood) the drying time may be longer.

**Advice**

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

Flammable liquid and vapor. 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. Avoid release to the environment. 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 propiconazole (ISO), 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.

Disposal

According to European Regulation 528/2012 this product is defined as a "treated article" (not a biocidal product) and contains the following biocidal substances: 3-iodo-2-propynyl butylcarbamate (CAS-No. 55406-53-6), propiconazole (ISO) (CAS-No. 60207-90-1).

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local, regional, national and international authorities..

EU limit value for the VOC content

of this product (category A/f): 700 g/l (2010). This product contains max. 700 g/l VOC.

Substances of Content - Declaration

Contains alkyd resin, coloured pigments, aliphates, silicates, butanonoxime, film preservative.

Further Details

See Material Safety Data Sheet (MSDS).

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](http://www.caparol.com)