

# Lignovit Lasur

53135 ff

Water-based, thin-film transparent wood glaze for industrial and professional use

## PRODUCT DESCRIPTION

### General

Water-based, thin-film transparent wood glaze based on acrylate and alkyd resin dispersion. Very good processability, high anti-blocking properties, good weathering resistance, uniform degradation from exposure to weather.

### Special properties and standards

- The coating is protected against blue stain and mould by a biocidal active substance.

**Active substance:**

0.3% (0.3 g / 100 g) IPBC (3-iodopropinyl butylcarbamate)

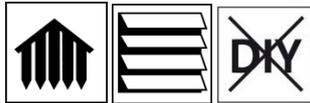
- ÖNORM EN 13501-1** (fire behaviour) only in conjunction with flame-retardant substrate (e.g. okoume board)

- Fire behaviour B
- Smoke production s2 **B-s2,d0**
- Flaming droplets d0



- French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

### Application areas



- For non-dimensionally stable and limited dimensionally stable timber components for exterior use such as wooden houses, wood cladding, canopies, fences, window shutters, balconies, gates, etc. in usage classes 2 and 3 without ground contact.
- We recommend Pullex Bodenöl 50527 ff for terrace floors and landing stages.
- Not suitable for direct contact with food or forage.
- Not suitable for wood with permanent ground and/or water contact.

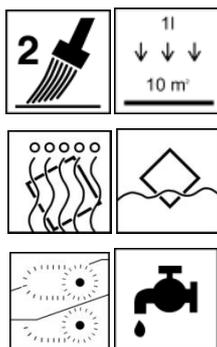
## PROCESSING

### Instructions for use



- Please stir the product before use.
- The temperature of the product and object, as well as the room temperature must be at least + 10 °C.
- Do not process it under conditions of intense sunlight, rain, extremely high humidity, strong wind or pending frost.
- For new timber components we recommend an all-over coating
- The flow of resin cannot be avoided based on the coating method.
- The washing out of water-soluble substances in the wood, especially during driving rain, can be minimised by an all-round coating and an additional coat of paint on the end-grain surfaces.
- Increased consumption can be expected on rough sawn substrates.
- Please follow our **“Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part”**.

### Application technique



Application method	Brushing	Flow coating, immersion	Coating machine
Dilution	-	water	
Thinner amount added in %	-	up to 5	
Application	2 x	2x	2x
Yield per application (m <sup>2</sup> /l) <sup>1)</sup>	approx. 12	approx. 10	approx. 14
<sup>1)</sup> Planed substrate			

### The product is ready for use.

The shape, properties and moisture of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

### Drying times

(at 23 °C and 50 % rel. humidity)



Dust-dry (ISO 1517)	after approx. 30 min.
Grindable	after approx. 3–4 hours
Recoatable	after approx. 3–4 hours
Dried through	after approx. 12 hours

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

### Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 or ADLER Abbeizer Rote Krähe 95125.

<b>SUBSTRATE</b>	
<b>Type of substrate</b>	Softwood planed, sanded or rough sawn
<b>Substrate property (or condition)</b>	<p>The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.</p> <p>Please observe and follow ÖNORM B 2230 Part 1.</p> <p>See also VOB, Part C, DIN 18363, Paragraph 3, painting and coating work.</p>
<b>Wood moisture</b>	12 to 15 %
<b>Preparation of the substrate</b>	<p><b>Wood, wood-based materials inside</b> Round off any sharp edges, remove wood extractives such as, for example, resins and pitch pockets.</p> <p><b>Wood, wood-based materials outside</b> For optimal durability, we recommend sanding smooth wooden surfaces with grit size 80 - 120 in the direction of the fiber, cleaning them thoroughly and removing wood extractives, such as resin and pitch pockets. Round off any sharp edges.</p> <p>Clean highly resinous timbers containing drying retardant components with ADLER Nitroverdünnung 80001.</p> <p>Please observe the respective technical data sheets of the products.</p>
<b>COATING SYSTEM</b>	
<b>Impregnation</b>	If necessary, apply 1 coat of Lignovit IG 53134 (applies to timbers of durability class less than 3 according to EN 350-2.) to protect against blue stain, fungal decay and insect infestation in the outdoor area.
<b>Primer coat</b>	1 x Lignovit Lasur 53135 ff Intermediate drying: approx. 6 hours
<b>Intermediate sanding</b>	Smooth sanding Grit size 280 Remove sanding dust.
	
<b>Final coat</b>	1 x Lignovit Lasur 53135 ff
<b>MAINTENANCE &amp; RENOVATION</b>	
<b>Maintenance</b>	<p>The durability depends on several factors. These include particularly the type of weathering, constructional protection, mechanical stress and the choice of colour applied. To obtain long durability, preservation work is necessary in time. Therefore we recommend annual maintenance.</p> <p>If required, remove dust and dirt from the still intact areas and paint 1 x with Lignovit Lasur 53135 ff.</p> <p>Please follow our <b>“Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Durability, maintenance and renovation”</b>.</p>

## ORDERING INFORMATION

**Size of trading unit** 4 l, 18 l

### Colours



Other colour shades can be obtained using the **ADLER colour mixing system ADLERMix**.

#### Base paints:

Basis W30 53135

#### Standard colours:

Weide	53136	Kiefer	53139
Eiche	53137	Nuss	53144
Lärche	53138	Palisander	53145

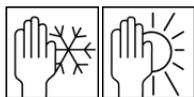
- The final colour is basically obtained from the inherent colour of the wood, the applied quantity, the colour of the impregnation and the colour of the finishing coat.
- It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.
- In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.
- Medium colours have the best weathering resistance; colours that are too light or too dark should be avoided if exposed to extreme weathering.

### Supplementary products

Lignovit IG 53134  
 ADLER Nitroverdünnung 80001  
 ADLER Aqua-Cleaner 80080  
 ADLER Abbeizer Rote Krähe 95125  
 ADLER Holzentgrauer 96348

## FURTHER DETAILS

### Durability / storage



At least 1 year in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

### Technical specifications

Delivery viscosity	approx. 50 s in accordance with DIN 53211 (2-mm cup, 20°C)
VOC content	threshold for Lignovit Lasur (Cat. A/e): 130 g/l (2010). Lignovit Lasur contains < 80 g/l VOC.

### Safety-related information



Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at [www.adler-lacke.com](http://www.adler-lacke.com).