

Lignovit Tauchlasur

5352000030 ff

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

PRODUCT DESCRIPTION

General

Water-based, thin-film wood glaze for immersion, based on acrylate and alkyd resin dispersion. Very good weather resistance, uniform degradation when exposed to weathering. Particularly uniform colouring on softwood with different absorption effects. Very good sagging behaviour.

Special properties and standards



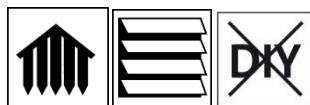
- The coating is protected against blue stain and mold by a biocidal active substance.

Active substance:

3.0 g/kg (0,3 %) IPBC (Iodpropinylbutylcarbamate)

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

Application area



- For non-dimensionally stable and limited dimensionally stable timber components for exterior use, such as wooden houses, timber cladding, canopies, fences, gates, etc.
- We recommend Pullex Bodenöl 50527 ff for terrace floors and landing stages.
- Please observe the relative technical data sheets of the products.

PROCESSING

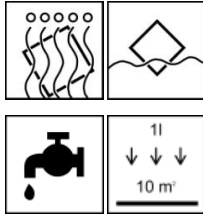
Instructions for use



- Please stir the product before use. However, prevent entry of air while stirring.
- The temperature of the product and object, and the room temperature must be at least + 10 °C.
- The optimal conditions for use are between 10 – 25 °C with a relative atmospheric humidity between 40 – 80 %.
- For new timber components we recommend an all-over coating
- The flow of resin cannot be avoided based on the coating method.
- Water-soluble wood extracts can be leached particularly by driving rain. This can be minimized by an all-over coating and additional sealing of the end grains.
- Increased consumption can be expected on rough sawn substrates.

- Please follow our **ARL 500 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part.**

Application technique



Application method	Flow coating, immersing
Thinner	water
Addition of thinner in %	0 – 5
Yield per application (m ² /l) ¹⁾	approx. 10
¹⁾ Planed substrate	

The product is ready to use.

The shape, the 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 minutes
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.

Avoid direct sunlight (very quick drying).

Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Softwood

Substrate property

A prerequisite for ensuring long durability of the coating is to observe the basic principles of constructional wood preservation. 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.

Wood moisture


13 % +/- 2 %

Preparation of the substrate

For optimal durability we recommend to sand smooth wooden surfaces with grain size 80 – 120 in the direction of the fibre, clean thoroughly and remove wood extractives such as, for example, resins and resin pockets. Round off any sharp edges.

Please observe the relative technical data sheets of the products.

COATING SYSTEM

Impregnation	<p>If necessary, impregnate 1 x with Lignovit IG 53134 in outdoor areas to protect against blue stain, fungal decay and insect infestation (applies to timbers of durability class 3-5 according to EN 350-2).</p> <p>Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.</p>
Primer coat	<p>1 x Lignovit Tauchlasur 5352000030 ff</p> <p>Intermediate drying: approx. 4 hours</p>
Intermediate sanding	<p>If necessary, sand primed surface with grit size 280</p> <p>Remove sanding dust.</p>
	
Finishing coat	<p>1 x Lignovit Tauchlasur 5352000030 ff</p>

MAINTENANCE AND RENOVATION

Maintenance and renovation	<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 mit Pullex Aqua-Plus 53101 ff or 1 x with Pullex Plus-Lasur 50314 ff.</p> <p>Please observe the relative technical data sheets of the products.</p> <p>Please follow our ARL 504 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Maintenance and Renovation.</p>
-----------------------------------	---

ORDERING INFORMATION

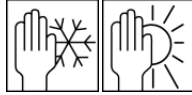
Size of trading unit	4 l; 22 l
Colour shades	<p>Colour shades can be obtained using the ADLER colour mixing system ADLERMix.</p> <p>Base coat:</p> <p>Base W30 5352000030</p> <ul style="list-style-type: none"> • The final colour is basically obtained from the inherent colour of the wood, the applied quantity, the colour of the impregnation and the colour of the finishing coat. • In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface. • 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. • Medium colours have the best weather resistance; colours that are too light or too dark should be avoided if exposed to extreme weathering.



Supplementary products

Lignovit IG 53134
Pullex Bodenöl 50527 ff
Pullex Aqua-Plus 53101 ff
Pullex Plus-Lasur 50314 ff
ADLER Aqua-Cleaner 80080

FURHTER 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

VOC content

EU threshold for Lignovit Tauchlasur (cat. (cat. A/e): 130 gm/l (2010). Lignovit Tauchlasur contains a maximum of 50 g/l VOC.

Safety-related information

Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at www.adler-lacke.com.

The product is only suitable for the industrial and professional use
