

Lignovit Plus LB

53219

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

PRODUCT DESCRIPTION

General

Water-based medium-film wood glaze for softwood. The product is characterized by a high level of filling power, good weather resistance, high block resistance and very good processability on brushing machines. The product is optimized for vacuum applications and for manual brushing. Very high UV-protection when using the colour shade UV-Protect Farblos. The natural yellowing of the wood is significantly reduced.

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 areas



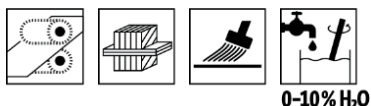
- For non-dimensionally stable and limited dimensionally stable timber components in the outdoor area such as wooden houses, timber cladding, canopies, profile boards, window shutters, balconies, gates, etc.
- Particularly suitable for softwoods.
- In the case of highly resinous Siberian larch and cedar, the durability of the coating system may be reduced on planed wood.

PROCESSING

Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 10 °C.
- The optimal conditions for use are between 15 – 25 °C with a relative atmospheric humidity between 40 – 80 %.
- Please follow our ARL 500 **“Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part”**.

Application technique

Application method	Brushing machine	Vacumat	Manual painting
Thinner	water		
Thinner amount added in %	0 - 10 %		
Yield per application (g/m ²) ¹⁾	approx. 70 up to max. 100		
1) Yield including addition of thinner.			

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
Tack-free	after approx. 3-4 hours
Recoatable	after approx. 3-4 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.

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**

Planed, sanded or rough sawn softwood

Substrate property

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

Softwoods: 15 % +/- 2 %.

Preparation of the substrate

For optimal durability, we recommend sanding smooth wooden surfaces such as planed wood with grit size 80 in the direction of the fiber, cleaning them thoroughly and removing wood extractives, such as resin and pitch pockets. Round off any sharp edges.

COATING SYSTEM**Primer**

If necessary, apply 1 coat of Lignovit IG 53134 in outdoor areas (applies to timbers of durability inferior to class 3 according to EN 350-2.) to protect against blue stain, fungal decay and insect infestation.

Intermediate coat

1x Lignovit Plus LB

Intermediate sanding

Slight smooth sanding: grit size 280



Remove sanding dust.

Finishing coat

1x Lignovit Plus LB

Only necessary when using less absorbent substrates such as planed and sanded wood.

MAINTENANCE AND RENOVATION

Maintenance and renovation

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.

If required, remove dust and dirt from the still intact areas and paint 1-2 x with Pullex Aqua-Plus 53101 ff in lighter colour shades.

Please observe the relative technical data sheets of the products.

Please follow our ARL 505 “**Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Maintenance and Renovation**”.

ORDERING INFORMATION

Size of trading unit

18 l, 600 l container

Colour shades / degrees of gloss



Standard shades:

5333061743 Lignovit Plus LB UV-Protect Farblos

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

Base paints:

Base 53219 Colourless to tinge

- 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.

Apply exclusively pigmented colour shades to ensure a good weather resistance. Colourless is suitable only for temporary application.

Supplementary products

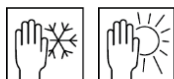
Lignovit IG 53134

Pullex Aqua-Plus 53101 ff

ADLER Aqua-Cleaner 80080

OTHER INSTRUCTIONS

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	40 - 45 s in accordance with DIN 53211 (4-mm-cup, 20 °C)
VOC content	EU threshold for Lignovit Plus LB (cat. A/e): 130 g/l (2010). Lignovit Plus LB contains maximum 30 gm./l VOC (Volatile Organic Compounds).

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 industrial and professional use.
