

Lignovit Plus LB WF

5355000030

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

PRODUCT DESCRIPTION

General

Water-based, medium-film wood glaze free of active substances for the application on 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 vacuumat 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



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

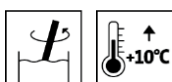
Application areas



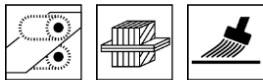
- For non-dimensionally stable and limited dimensionally stable timber components for exterior use, such as wooden houses, timber cladding, canopies, profile boards, window shutters, balconies, gates, etc.
- Timber components indoors made of softwood, such as wall- and ceiling elements.
- Glulam
- Particularly 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 technique0-10% H₂O

Application method	Brushing machine	Vacumat	Manual painting
Dilution (thinning)	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)



3-4h

Dust-dry (ISO 1517)	after approx. 30 minutes
Tack-free	after approx. 3-4 hours
Recoatible	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 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 coat**

If necessary, impregnate 1 x with Lignovit IG 53134 or Lignovit Primo 5358000200 in outdoor areas to protect against blue stain, fungal decay and insect infestation (applies to timbers of durability class worse than 3 according to EN 350-2).

Intermediate coat	1 x Lignovit Plus LB WF 5355000030
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Intermediate sanding	Slight smooth sanding: grit size 280
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	Remove sanding dust.
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Finishing coat	1 x Lignovit Plus LB WF 5355000030
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	Only necessary when using less absorbent substrates such as planed and sanded wood.
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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 1-2 x with Pullex Aqua-Plus 53101 ff in lighter colour shades.</p> <p>Please observe the relative technical data sheets of the products.</p> <p>Please follow our ARL 505 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Maintenance and Renovation.</p>
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ORDERING INFORMATION

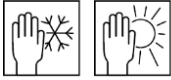
Size of trading unit	4 l, 22 l, 600 l-Container
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Colour shades / degrees of gloss	<p>Standard shades: 5355061743 Lignovit Plus LB WF UV-Protect Farblos</p> <p>Colour shades can be obtained using the ADLER colour mixing system ADLERMix.</p> <p>Base paints: Base 5355000030 Colourless to tinge</p> <ul style="list-style-type: none"> • 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.
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Supplementary products	Lignovit IG 53134 or Lignovit Primo 5358000200 Pullex Aqua-Plus 53101 ff ADLER Aqua-Cleaner 80080
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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 WF (cat. A/e): 130 g/l (2010). Lignovit Plus LB WF contains maximum 30 g/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 the industrial and professional use.
