

## Lignovit Silverwood

5365054634 ff

Water-based wood preservative impregnation glaze for industrial and professional use

### PRODUCT DESCRIPTION

#### General

Water-based, open-pored effect impregnation glaze with biocidal active agents for wood used outdoors. Innovative colours with metal effect character or old wood character. Special pigmentation leads to silvery patina effect when exposed to weathering.

#### Special properties and standards

- The active substances used provide the protection required against blue stain (test conforming to DIN EN 152) and wood-destroying fungi (test conforming to EN 113), as specified by ÖNORM B 3802-2 or DIN 68800-3, and also prevent insect infestation (test according to EN 46).

#### Active substances (B, P, Iv)

7,2 g / kg (0,72 %) IPBC (iodopropynylbutylcarbamate)

2,0 g/kg (0,20%) tebuconazole

0,4 g/kg (0,04%) polymer betain

0,8 g/kg (0,08%) permethrin

- 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 in the outdoor area such as wooden houses, timber cladding, canopies, profile boards, window shutters, balconies, gates, etc. in usage classes 2 and 3 without ground contact.

### 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 %.
- 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
- Due to the system, glazes are only limitedly step-resistant and therefore require more frequent maintenance.
- The flow of resin cannot be avoided based on the coating method.

04-20 ZKL 5365

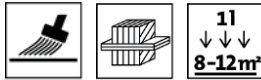
ADLER-Werk Lackfabrik, A-6130 Schwaz

Fon: 0043/5242/6922-301, Fax: 0043/5242/6922-309, Email: [technical-support@adler-lacke.com](mailto:technical-support@adler-lacke.com)

Our instructions for use are based on knowledge available currently and shall guide the buyer/user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user takes responsibility for the suitability and use of the delivered product. It is therefore recommended to produce a sample specimen for testing the suitability of the product. Otherwise our General Terms of Sale apply. All previous specifications become invalid with this edition. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

- 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.
- Residual plaster (high level of alkalinity) or ferrous dust (rust formation) may lead to black discoloration on larch wood and other types of wood rich in extracts.
- Please follow our **ARL 056 - Working guideline for the use of wood preservatives.**
- 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	Vacumat
Application	2x	
Yield per application (g/m <sup>2</sup> ) planed, sanded	approx. 80	approx. 100
Yield per application (m <sup>2</sup> /l) planed, sanded	approx. 12	approx. 10
Yield per application (g/m <sup>2</sup> ) rough sawn	approx. 120	approx. 120
Yield per application (m <sup>2</sup> /l) rough sawn	approx. 8	approx. 8

### 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 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.

On types of woods rich in extracts (such as oak, iroko), the drying process may take longer.

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.

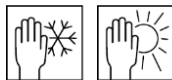
To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

<b>SUBSTRATE</b>							
<b>Type of substrate</b>	Softwood rough sawn, brushed, chopped or sanded.						
<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>A prerequisite for ensuring long durability of the coating is to observe the basic principles of constructional wood preservation.</p>						
<b>Wood moisture</b>	<b>Softwoods:</b> 15 % +/- 2 %.						
<b>Preparation of the substrate</b>	<p>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.</p> <p>Clean highly resinous timbers containing drying retardant components with ADLER Nitroverdünnung 80001.</p> <p>Treat outdoor infestation or attack by algae, green covering or mold with Aviva Fungisan 8308000210.</p> <p>No preparation of the substrate is necessary in the case of rough sawn, brushed and chopped softwoods.</p> <p>Please observe the relative technical data sheets of the products.</p>						
<b>COATING SYSTEM</b>							
<b>Impregnation</b>	1x Lignovit Silverwood 5365054634 ff Intermediate drying: approx. 3 - 4 hours						
<b>Finishing coat</b>	1x Lignovit Silverwood 5365054634 ff						
<b>ORDERING INFORMATION</b>							
<b>Size of trading unit</b>	4 l; 22 l						
<b>Colour shades</b>	<table> <tbody> <tr> <td>Altgrau</td> <td>5365054634</td> </tr> <tr> <td>Silber</td> <td>5365057002</td> </tr> <tr> <td>Graualuminium</td> <td>5365066512</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>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.</li> <li>In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.</li> </ul>	Altgrau	5365054634	Silber	5365057002	Graualuminium	5365066512
Altgrau	5365054634						
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<b>Supplementary products</b>	ADLER Aqua-Cleaner 80080 ADLER Nitro-Verdünnung 80001 Aviva Fungisan 8308000210						

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**FURTHER DETAILS**


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**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).

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**Technical specifications**

VOC content      EU threshold for Lignovit Silverwood (cat. A/f): 130 g/l (2010). Lignovit Silverwood contains < 80 g/l VOC.

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**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](http://www.adler-lacke.com).

The product is only suitable for the industrial and professional use

Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.

Wood freshly treated with Lignovit Silverwood must be stored on an impermeable, hard substrate after painting to prevent product residue from penetrating into the ground or waters. Any leaking product must be collected for reuse or disposal.

Lignovit Silverwood contains active biocidal substances to protect against blue stain, wood-destroying fungi and has a preventive effect against insect infestation. The product should therefore only be used when protection of the wood is prescribed or in specific cases when it is necessary. Do not use indoors. Do not apply in rooms which are used to gain, produce, store or sell food and feed. Do not use for wood that is fitted in apiaries or saunas and for wood in permanent contact with the ground and/or waters. Danger for bats. Treated wood must not be used in the immediate vicinity of water.

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