

Lignovit Silverwood

5365

Special effect impregnation glaze for wood protection, for industry and trade

PRODUCT DESCRIPTION

General

Water-based impregnation glaze that creates an open-pored effect; contains biocidal agents; for wood in outdoor settings. Innovative range of colours with metallic effect and aged wood character. Special pigmentation results in a silvery patina effect when exposed to weathering.

Special properties and standards

- **Approval as a wood preservative (PT8)**
according to the Biocidal Products Directive of the EU.
- **ÖNORM B 3802-2 or DIN 68800-3**
The active substances used provide the protection required against blue stain (test conforming to EN 152-1) 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). Confirmed by an external test certificate.
Active substances: B, P, Iv, W
Active agents:
7.2 g/kg (0.72 %) 3-Iod-2-propinylbutylcarbamate
2.0 g/kg (0.20 %) Tebuconazol
0.4 g/kg (0.04 %) Polymeres Betain
0.8 g/kg (0.08 %) Permethrin (ISO)

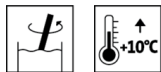
Application area



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. in usage classes 2 and 3 without ground contact.

PROCESSING

Processing instructions



- 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.
- Resin flow cannot be avoided by the coating.

- 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.
- The color shade, compatibility and adhesion to the substrate must be checked by creating sample panels.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result. Deviations lead to film and adhesion problems as well as to impairments with regard to weathering and color stability.
- Please read and take note of our **ARL 500 – Working guidelines for the coating of components that are not dimensionally stable or have limited dimensional stability – General section** and **ARL 056 – Working guidelines for the use of wood preservers**

Application technique



	Brushing	Vacuum coater
Applied quantity per application (ml/m ²)	80 - 100	

The product is ready to use.

An additional 40 % material consumption is to be expected on rough sawn timber.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)



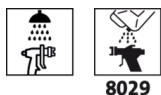
Dust-dry (ISO 1517)	approx. 30 minutes
Sandable and recoatable	approx. 3 - 4 hour(s)
Dried through	approx. 12 hour(s)

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!

Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner (8029) (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Softwoods

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.

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

Please observe the additional documents:

- ÖNORM B 3430-1
- ÖNORM B 2230-1
- DIN 18363
- Current BFS information sheets

Wood moisture	Softwoods: 15 ± 2 %
Substrate preparation	<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 resinous timbers containing drying retardant components with Nitro-Verdünner 8017 (8017).</p> <p>Treat algae, green deposits or mould in outdoor areas with Aviva Fungisan (8308).</p> <p>No preparation of the substrate is required with rough-sawn, brushed or chopped softwoods.</p>
COATING SYSTEM	
Impregnation	1 x Lignovit Silverwood (5365)
Finishing coat	1 x Lignovit Silverwood (5365)
ORDERING INFORMATION	
Size of trading unit	4 l, 22 l
Colour shades	<p>Standard colour(s): Altgrau (5365054634) Silber (5365057002) Graualuminium (5365066512)</p> <p>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.</p> <p>In order to ensure uniformity of the colour shade, use only material having the same batch number on a given commission.</p>
Supplementary products	<p>Aqua-Cleaner 8029 (8029) Aviva Fungisan (8308) Nitro-Verdünner 8017 (8017)</p> <p>Please refer to the corresponding technical data sheets of the products.</p>
FURTHER DETAILS	
Durability / storage	<p>Min. 1 year(s) in the original sealed containers.</p> <p>Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).</p> <p>Close opened containers well and use up the content as soon as possible.</p>
Technical specifications	<p>VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for Lignovit Silverwood (Cat A/f): 130 g/l. Lignovit Silverwood contains a maximum of 90 g/l VOC.</p>



GiscodeHSW27

Safety information

The product is only suitable for the industrial and professional use.

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

Ensure good ventilation during application and drying.

Wood that has been freshly treated with Lignovit Silverwood (5365) must be stored on an impermeable, hard surface after coating to prevent residues of the product from penetrating the ground or any bodies of water. Any leaking product must be collected for reuse or disposal.

Lignovit Silverwood (5365) contains biocidal agents to protect against blue stain and wood-destroying fungi and helps to prevent insect infestations. 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.

Must not be used for the treatment of rooms in which food or animal feed is obtained, produced, stored or sold.

Do not use for wood that will be made into apiaries or sauna complexes and do not use for wood that will be in permanent contact with soil and/or water.

Not suitable for wood that could come into direct contact with farm animals (e.g. in stables or fencing for pastures).

Keep cats away from treated surfaces as they are highly sensitive to permethrin.

Treated wood must not be used in the immediate vicinity of water.

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.
