

Lignovit Silverwood FS

5337

Effect wood stain for professional and industrial use

PRODUCT DESCRIPTION

General

Water-based open-pored effect wood stain for exterior wood. Innovative colour shades with a metallic-effect or aged-wood character. Special pigmentation results in a silver patina effect upon weathering.

Special properties and standards



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

Active substance:

2.4 g/kg 0.24 % 3-iodo-2-propynylbutylcarbamate

- French ordinance DEVL1104875A**
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 e.g. wooden houses, timber cladding, canopies, profile boards, window shutters, balconies, gates.

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 wooden components, we recommend priming on all sides.
- Due to the system, glazes are only limitedly step-resistant and therefore require more frequent maintenance.
- Resin flow cannot be avoided by the coating application.
- 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 colour shade stability.
- Please follow our **ARL 500 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part.**

Application technique

80 –
100 ml
↓
1 m²



	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



8029

With water immediately after use.

To remove dried paint residues we recommend using Clean 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	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. Clean resin-rich woods containing drying retardant components with Nitro-Verdünner 8017 (8017). Treat algae, green deposits or mould in outdoor areas with Aviva Fungisan (8308). No preparation of the substrate is required with rough-sawn, brushed or chopped softwoods.
COATING SYSTEM	
Impregnation	If necessary outdoors, apply 1 coat of Lignovit Primo (5358) (applies to timbers of durability class 3-5 according to EN 350) to protect against blue stain, fungal decay and insect infestation. Intermediate drying time: approx. 4 hours Use wood preservatives safely. Always read the label and observe the respective technical data sheets of the products before use. Please follow our ARL 056 - Working guideline for the use of wood preservatives.
Primer coat	1 x Lignovit Silverwood FS (5337)
Finishing coat	1 x Lignovit Silverwood FS (5337)
ORDERING INFORMATION	
Size of trading unit	4 l, 22 l
Colour shades	Standard colour(s): Altgrau (5337054634) Silber (5337057002) Graualuminium (5337066512) 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. In order to ensure uniformity of the colour shade, use only material having the same batch number on a given commission.
Supplementary products	Clean Aqua-Cleaner 8029 (8029) Aviva Fungisan (8308) Nitro-Verdünner 8017 (8017) Please refer to the corresponding technical data sheets of the products.
FURTHER DETAILS	
Durability / storage 	Min. 1 year(s) in the original sealed containers. Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C). Close opened containers well and use up the content as soon as possible.
Technical specifications	VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for Lignovit Silverwood FS (Cat A/f): 130 g/l. Lignovit Silverwood FS contains a maximum of 80 g/l VOC.

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Safety information

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

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**.
