

Lignovit Platin

53289 ff

Water-based, thin-film **metallic wood glaze for industrial and professional use**

PRODUCT DESCRIPTION

General

Water-based, thin-film wood glaze for industrial and professional use. Facilitates spectacular metallic shimmering colour effects by special pigmenting. The product is characterised by excellent weather resistance, uniform degradation when exposed to weathering and high block resistance.

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 (iodopropynylbutylcarbamate)

- Excellent durability due to UV-reflection.
- 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 e.g. wooden houses, timber cladding, canopies, profile boards, window shutters, balconies, gates, etc.
- Especially suitable for brushed, chipped or rough sawn wood.

PROCESSING

Instructions for use



- Please stir the product before use. However, prevent entry of air while stirring.
- 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
- The flow of resin cannot be avoided based on the coating method.
- 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.

08-20 (supersedes 01-16) ZKL 5318

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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 is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. Our general terms and conditions of sale are otherwise applicable. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

- 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
Yield per application (g/m ²) Rough sawn	80 – 100	90 – 120
Yield per application (g/m ²) Planed, sanded	60 – 80	90 – 120
Yield per application (m ² /l) Rough sawn	10 – 12	8 – 11
Yield per application (m ² /l) Planed, sanded	12 - 14	8 - 11

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.

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

Softwood planed, sanded or rough sawn.

Substrate property (or condition)

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.

Wood moisture

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.
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COATING SYSTEM

General	The following coating systems are exemplary.
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Impregnation	If necessary, apply 1 coat of Lignovit Primo 5358000200 (applies to timbers of durability class 3-5 according to EN 350-2) or 1 coat of Lignovit 3in1-Lasur 5327000030 ff (no primer necessary) to protect against blue stain, fungal decay and insect infestation.
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Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.

Primer coat	Lignovit Lasur 53135 ff
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Intermediate sanding	Slight smooth sanding: grit size 220 - 240 Remove sanding dust.
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Final coat	1 x Lignovit Platin 53289 ff
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ORDERING INFORMATION

Size of trading unit	4 l, 18 l
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Colour shades / degrees of gloss	Lignovit Platin	53289
	Achatgrau	53292
	Onyxschwarz	53320
	Karneolrot	53319
	Granatbraun	53318
	Topasgrau	53317
	Pyritgrau	53316
	Quarzgrau	53294
	Rubinrot	53297



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

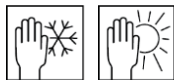
Base coat:

Lignovit Platin tintable 53289 ff

- 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 surface.
- Please consume blended products within 3 months.

Supplementary products	ADLER Aqua-Cleaner 80080 Lignovit Primo 5358000200 Lignovit Lasur 53135 Lignovit 3in1-Lasur 5327000030 ff
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FURTHER DETAILS

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

VOC content EU threshold for Lignovit Platin (cat. A/e): 130 g/l (2010). Lignovit Platin contains a maximum of 30 g/l VOC.

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
