

Lignovit Spritzfertig

42981 ff

Water-based, either **opaque or transparent** pigmented wood coating for **industrial and professional use**

PRODUCT DESCRIPTION

General

Water-based, either opaque or transparent pigmented wood coating for industrial and professional use based on a high quality acrylate dispersion. The product is characterised by good weathering resistance, good block-resistance and very good processability. The product is optimised for processing with airless or compressed-air spraying appliances.

Special properties and standards

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

Active substance:

0.3% IPBC (3-iodopropinyl butylcarbamate)

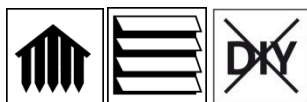
- Fire behaviour in accordance with ÖNORM EN 13501-1 (only in connection with a substrate with low flammability (e.g. okoume board))

- Fire behaviour B
- Smoke production s2 **B-s2,d0**
- Flaming droplets d0

- 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, wood cladding, canopies, fences, window shutters, balconies, gates, etc. in usage classes 2 and 3 without ground contact.
- Not suitable for direct contact with food or forage.
- Not suitable for wood with permanent ground and/or water contact.

01-16 (supersedes 08-15) ZKL 5323

ADLER-Werk Lackfabrik, A-6130 Schwaz

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Our instructions for use are based on knowledge available currently and shall guide the purchaser / 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 purchaser / user decides about the acceptance and use of the delivered product at his / her own risk, which is why we recommend that a sample piece be prepared to check the acceptability 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 modification of the container sizes, colour shades and degree of gloss.

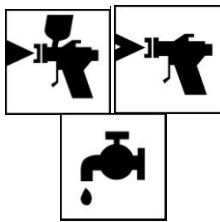
PROCESSING

Instructions for use



- Please stir the product before use. Avoid introducing air, however, when stirring.
- The temperature of the product and object, and the room temperature must be at least + 10 °C.
- For new timber components we recommend an all-over coating
- Please follow our **“Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part”**.

Application technique



Application method	Airless	Cup gun
Spraying nozzle (ø mm)	0.28 or 0.33	1.8 – 2.0
Spraying nozzle (ø inch)	0.011 or 0.013	-
Spraying angle (degrees)	20 – 40	-
Spraying pressure (bar)	80 – 100	3 - 4
Spraying distance (cm)	approx. 25	
Dilution	water	
Thinner amount added in %	up to 5	up to 10
Application quantity (g/m ²)	approx. 150 – 200 (depending on colour)	
Wet film (µm)	approx. 125 – 200 (depending on colour)	

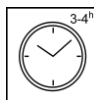
The product is ready for use.

Attention: If the product is sprayed on, an A2/P3 respirator mask must be used.

The shape, 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.

Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 or ADLER Abbeizer Rote Krähe 95125.

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.
Wood moisture	12 to 15 %
Preparation of the substrate	For optimal durability, we recommend sanding smooth wooden surfaces such as planed wood 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	
Impregnation	<p>If necessary, apply 1 coat of Lignovit IG 53134 (applies to timbers of durability class less than 3 according to EN 350-2.) to protect against blue stain, fungal decay and insect infestation in the outdoor area.</p> <p>Please observe the respective technical data sheets of the products.</p>
Primer coat	<p>For bright colours: 1x Lignovit Spritzfertig 42981 ff Wet-film thickness 125 - 150 µm (on okoume façade panels 175 – 200 µm)</p> <p>For white and lighter pastel colours: 1x Lignovit Sperrgrund 40960 Wet-film thickness 100 - 125 µm</p> <p>For transparent colours: 1 x Lignovit Lasur 53135 ff (brushing application)</p> <p>Please observe the respective technical data sheets of the products.</p>
Intermediate sanding	<p>Slight smooth sanding Grit size 240 - 280</p> <p>Remove sanding dust.</p>
	
Final coat	<p>For bright colours: 1x Lignovit Spritzfertig 42981 ff Wet-film thickness 125 - 150 µm (on okoume façade panels 175 – 200 µm)</p> <p>For white and lighter pastel colours: 1x Lignovit Spritzfertig 42981 ff Wet-film thickness 175 - 200 µm</p> <p>For transparent colours: 1 x Lignovit Spritzfertig 42981 ff Wet-film thickness 150 - 200 µm (use transparent colour shades (matched as a system) – see comparison table under colours/degrees of gloss)</p>

MAINTENANCE & RENOVATION

Maintenance and renovation

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.

If required, remove dust and dirt from the still intact areas and paint 1 x with Lignovit Plus 53220 ff.

Please follow our **“Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Durability, maintenance and renovation”**.

ORDERING INFORMATION

Size of trading unit

4 l, 18 l

Colour / degree of gloss



Base paints:

Weiß W10 42981
Basis W30 42983

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

- In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.
- 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.

Comparison table for standard transparent colour shades

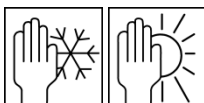
Colour	Lignovit Lasur	Lignovit Spritzfertig
Weide	53136	57966
Eiche	53137	57967
Lärche	53138	57968
Kiefer	53139	57969
Nuss	53144	57971
Palisander	53145	57972

Supplementary products

ADLER Aqua-Cleaner 80080
ADLER Abbeizer Rote Krähe 95125
Lignovit IG 53134
Lignovit Lasur 53135
Lignovit Sperrgrund 40960

FURTHER DETAILS

Durability / storage



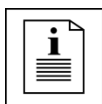
At least 1 year in the original sealed containers.

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 Spritzfertig (Cat. A/d):
130 g/l (2010). Lignovit Spritzfertig contains a
maximum of 60 g/l VOC.

Safety-related information



Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.

The product is only suitable for industrial and professional use.

Inhaling paint aerosols whilst spraying must generally be avoided; this is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).
