

Lignovit IG 53134

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

It has been matched as a system using the Lignovit range: Lignovit Lasur, Lignovit Plus, Lignovit Color, Lignovit Color VAC, Lignovit Spritzfertig, Lignovit Platin

PRODUCT DESCRIPTION

General

Water-based preservative wood impregnation. Uniform absorption effect especially on softwood.

Special properties and standards



- 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 3803 or DIN 68800-3, and also prevent insect infestation (test according to EN 46). Application quantity for testing in conformity with the standards 100-120 g/m² (Certificate of appreciation (02/05).

Active substances (B, P, Iv)

0.30% (0.30 g / 100 g) IPBC (3-iodopropinyl butylcarbamate)
0.90 % (0.90 g / 100 g) Propiconazol
0.10 % (0.10 g / 100 g) Permethrin

- Certificate of appreciation (02/05) ARGE Holzschutzmittel (wood preservatives consortium), Association of the Austrian chemical industry.
- 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 in the outdoor area such as wooden houses, timber cladding, canopies, fences, window shutters, balconies, gates, etc. in usage classes 2 and 3 without ground contact.

PROCESSING

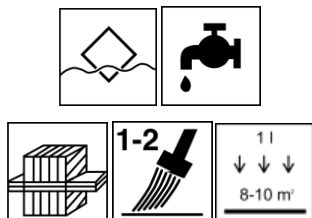
Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 10 °C.
- The product is not weather-resistant without a topcoat!
- 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.

- Please observe our “**Working guideline for the use of wood preservatives**”.
- Please follow our “**Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part**”.

Application technique



Application method	Brushing, immersion	Vacumat
Dilution (thinning)	water	
Thinner amount added in %	up to max. 10 %	
Yield per application (g/m ²) ¹⁾	100 - 120	
Yield per application (m ² /l) ¹⁾	8 - 10	
¹⁾ Yield including addition of thinner.		

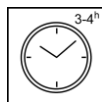
Attention: Do not spray product!

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

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)



Recoatable	after approx. 3–4 hours
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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.

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 or ADLER Abbeizer Rote Krähe 95125.

SUBSTRATE

Type of substrate

Planed, sanded or rough sawn softwood

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 – 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

Primer coat 1 - 2 x Lignovit IG 53134
Please observe the relative technical data sheets of the products.

Intermediate sanding Grit size 220 – 240



Topcoat 1x coat with Lignovit Lasur, Lignovit Plus, Lignovit Color, Lignovit Color VAC, Lignovit Spritzfertig, Lignovit Platin
Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

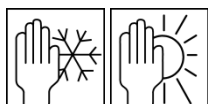
Size of trading unit 4 l, 18 l

Color shades/degree of gloss Farblos 53134
(Colourless)

Supplementary products Lignovit Lasur 53135 ff
Lignovit Plus 53220 ff
Lignovit Color 53223 ff
Lignovit Color VAC HF 53227 ff
Lignovit Spritzfertig 42981 ff
Lignovit Platin 53293 ff
ADLER Abbeizer Rote Krähe 95125
ADLER Aqua-Cleaner 80080

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

Delivery viscosity	Approx. 12 sec. in accordance with DIN 53211 (4-mm-cup, 20 °C) or approx. 46 - 51 s (2-mm-cup)
VOC content	EU-threshod for Lignovit IG (cat. A/f): 130 g/l (2010). Lignovit IG contains maximum 80 gm./l VOC (Volatile Organic Compounds).

Safety-related information



Please follow our “Guidelines on the use of wood preservatives” and the associated safety data sheet! The current version can be retrieved from the Internet at www.adler-lacke.com

Lignovit IG contains active biocidal substances to protect against blue stain, wood-destroying fungi and 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 apply in rooms which are used to gain, produce, store or sell food and feed.

The product is only suitable for industrial and professional use.

Do not use for wood that is fitted in apiaries or saunas and for wood in permanent contact with the ground and/or waters.