

Lignovit Color

53223 ff

Water-based, **opaque** wood coating for **industrial and professional use**.

PRODUCT DESCRIPTION

General

- Water-based, opaque and thin-film wood coating for industrial and professional use based on a high quality acrylate dispersion. Very good processability and high anti-blocking properties. The coating is distinguished by good weathering resistance.

Special properties and standards



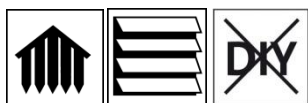
- The coating is protected against blue stain and mould by a biocidal active substance.

Active substances

0.3% IPBC (3-iodopropinyl butylcarbamate)

- 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 profile boards, facade panels or balcony parts.
- Not suitable for direct contact with food or forage.
- Not suitable for wood with permanent ground and/or water contact.

PROCESSING

Instructions for use



- Please stir the product before use. However, prevent air from entering while stirring.
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- Avoid direct sunlight (very quick drying).
- For new timber components we recommend an all-over coating
- The flow of resin cannot be avoided based on the coating method.
- The washing out of water-soluble substances in the wood, especially during driving rain, can be minimised by an all-round coating and an additional coat of paint on the end-grain surfaces.
- Increased consumption can be expected on rough sawn substrates.

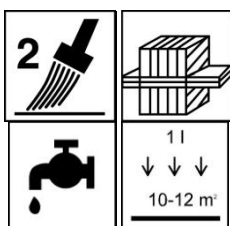
Please follow our **“Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements -Balconies – Canopies – Wooden sheds – Wooden houses.”**

04-15 (supersedes 03-15) ZKL 5311

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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.

Application technique

| Application method | Brushing | Vacumat |
|--|------------------|----------|
| Dilution | water | |
| Thinner amount added in % | - | Up to 10 |
| Application | 2 x | |
| Quantity per application (g/m ²) | - | 80 – 100 |
| Yield per application (m ² /l) | 10 – 12 (planed) | - |

The product is ready for use.

If the product is sprayed on in exceptional cases, 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

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

Substrate property (or condition)

The substrate must be dry, clean, capable of holding the paint, grease and wax-free and free from wood dust.

Wood moisture

12 - 15 %

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.

COATING SYSTEM

Impregnation

If necessary, apply 1 coat of Pullex Lignovit IG 53134 (applicable to wood types of durability class according to EN 350-2, up to 3) to protect against blue stain, fungal decay and insect infestation in the outdoor area.

Please observe the respective technical data sheets of the products.

Primer coat

Bright colours:

1x Lignovit Color 53223 ff

White & pastel colours:

1x Lignovit Sperrgund 40960, wet film thickness 100 – 125 µm

Please observe the respective technical data sheets of the products.

Intermediate sanding



Light intermediate sanding with grit size 240 - 280.

Remove wood dust.

During sanding use P2 dust filter

Finishing coat

Bright colours:

1 x Lignovit Color 53223 ff

White & pastel colours:

2 x Lignovit Color 53223 ff

MAINTENANCE AND 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 Color 53223 ff.

Please follow our **“Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements -Balconies – Canopies – Wooden sheds – Wooden houses - Maintenance and renovation.”**

ORDERING INFORMATION

Size of trading unit

4 l, 18 l

Colours / degree of gloss



Base paints:

| | |
|-----------|-------|
| Weiß W10 | 53223 |
| Basis W30 | 53224 |

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.
- Medium colours have the best weathering resistance; colours that are too light or too dark should be avoided if exposed to extreme weathering.

Supplementary products

ADLER Aqua-Cleaner 80080
ADLER Abbeizer Rote Krähe 95125
Lignovit IG 53134
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.

Technical specifications

| | |
|-------------|--|
| VOC content | EU threshold for Lignovit Color (Cat. A/d): 130 g/l (2010). Lignovit Color contains a maximum of 80 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**.
