

## Lignovit Color STQ

5343 ff

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

### PRODUCT DESCRIPTION

#### General

Water-based, thin-film transparent wood glaze based on acrylate and alkyd resin dispersion, excellent processability, high block-resistance, good weather-resistance.

#### Special properties and standards



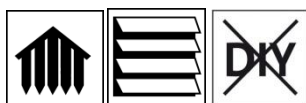
- The coating is protected against blue stain and mold by a biocidal active substance.

#### Active substance:

0.3% (0.3 g / 100 g) 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 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.
- Not suitable for direct contact with food or forage.
- Not suitable for wood with permanent ground and/or water contact.

### PROCESSING

#### Instructions for use



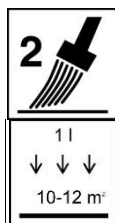
- Please stir the product before use. However, prevent entry of air while stirring.
- The temperature of the product and object, and the room temperature must be at least +10 C.
- Avoid direct sunlight (very quick drying).
- For new timber components we recommend an all-over coating
- The flow of resin cannot be avoided based on the coating method.
- 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.
- 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.”**

12-17 (supersedes 06-17) ZKL 5343

ADLER-Werk Lackfabrik, A-6130 Schwaz

Tel: 0043/5242/6922-190, Fax: 0043/5242/6922-309, Mail: [technical-support@adler-lacke.com](mailto:technical-support@adler-lacke.com)

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 buyer/user takes responsibility for the suitability and use of the delivered product. It is therefore recommended to produce a sample specimen for testing 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.

**Application technique**

Application method	Brushing
Application	2 x
Yield per application (m <sup>2</sup> /l)	10 – 12 (planed)

**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.

**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:

**Substrate property (or condition)**

The prerequisite for long storage stability of the coating is compliance with the principles of the constructive wood preservation. The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. 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****Impregnation**

If necessary, apply 1 coat of Lignovit IG 53134 (applies to timbers of durability class 3-5 according to EN 350-2.) to protect against blue stain, fungal decay and insect infestation.

Please observe the relative technical data sheets of the products.

<b>Primer coat</b>	<p><b>Bright colours:</b> 1x Lignovit Color STQ 5343 ff</p> <p><b>White &amp; pastel colours:</b> 1x Lignovit Sperrgrund 40960, wet film thickness 100 – 125 µm</p> <p>Please observe the relative technical data sheets of the products.</p>
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**Intermediate sanding**

Intermediate sanding with grit size 240 - 280  
Remove wood dust.

**Final coat**

**Bright colours:**  
1x Lignovit Color STQ 5343 ff

**White & pastel colours:**  
2x Lignovit Color STQ 5343 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 STQ 5343 ff.

Please follow our **“Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements -Balconies – Canopies – Timber cladding – Wooden houses - Durability, maintenance and renovation.”**

**ORDERING INFORMATION****Size of trading unit**

4 l, 18 l

**Color shades/degree of gloss**

Lignovit Color STQ RAL 9016 5343009016

**Base paints:**

Wei W10	5343000010
Basis W30	5343000030

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.
- Moderate colour shades have the best weather resistance; avoid very light or dark colour shades under extreme climatic conditions.

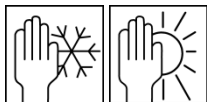
**Supplementary products**

ADLER Aqua-Cleaner 80080  
ADLER Abbeizer Rote Krhe 95125  
Lignovit IG 53134  
Lignovit Sperrgrund 40960

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**FURTHER DETAILS**

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**Durability/storage**

At least 1 year in the original sealed containers.

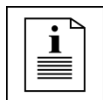
Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

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**Technical specifications**

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

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**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](http://www.adler-lacke.com).

The product is only suitable for industrial and professional use.

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