

Lignovit Color VAC HF

53226 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, medium film wood coating with high block resistance for industrial and professional use based on a high quality acrylate dispersion. Excellent processability, optimized for the application by vacuumat. Particularly suitable for forced drying procedures.

Special properties and standards

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

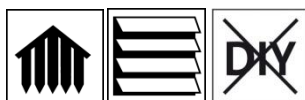
Active substance:

0.3% (0.3 g / 100 g) IPBC (3-iodpropinyl 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 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.

01-16 (supersedes 08-15) ZKL 5312

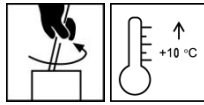
ADLER-Werk Lackfabrik, A-6130 Schwaz

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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 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.

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.
- 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 – General part”**.

Application technique



Application method	Vacumat
Dilution (thinning)	water
Addition of thinner in %	Up to 10
Application quantity (g/m ²)	approx. 150 – 200 (depending on colour)
Wet film (µm)	approx. 125 - 175
Yield per application (m ² /l) ¹⁾	10 - 12
Yield per application (g/m ²) ¹⁾	90 – 110
¹⁾ Planed substrate	

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	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	
Impregnation	If necessary, apply 1 coat of Lignovit IG 53134 (applies to timbers of durability inferior to class 3 according to EN 350-2.) to protect against blue stain, fungal decay and insect infestation.
Primer coat	<p>For bright colours: 1 x Lignovit Color VAC HF</p> <p>For white and lighter pastel colours: 1 x Lignovit Sperrgrund</p> <p>For transparent colours: 1 x Lignovit Color VAC HF</p>
Intermediate sanding	Slight smooth sanding: Grit size 240 - 280 Remove the wood dust.
	
Final coat	1 x Lignovit Color VAC HF 53226 ff
MAINTENANCE AND RENOVATION	
Maintenance and renovation	<p>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.</p> <p>Mechanical damage must be touched up with the original material.</p> <p>Please follow our “Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Durability, maintenance and renovation”.</p>

ORDERING INFORMATION

Size of trading unit 4 l, 18 l

Color shades/degree of gloss

Base paints:

Wei W10 53227
Basis W30 53226



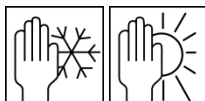
Other colour shades can be obtained using the **ADLER colour mixing system ADLERMix**.

- 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.
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Supplementary products

ADLER Aqua-Cleaner 80080
ADLER Abbeizer Rote Krhe 95125
Lignovit IG 53134
Lignovit Lasur 53135
Lignovit Sperrgrund 40960

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 Color VAC HF (Cat. A/d):
130 g/l (2010). Lignovit Color VAC HF contains a
maximum of 40 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.
