

# Lignovit Deco FS W30

51080

Water-based, thin-film wood glaze for industrial and professional use

## PRODUCT DESCRIPTION

### General

Water-based, breathable wood glaze for industrial and professional use based on a high quality acrylate emulsion. Highly block-resistant. Provides an excellent weather resistance and basic protection against dirt and serves for a better cleaning. Very uniform colouring, even with large elements. Uniform degradation, no flaking when exposed to weather.

### Special properties and standards



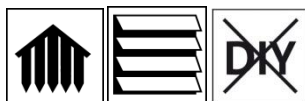
- The coating is protected against blue stain and mold by a biocidal active substance.

**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



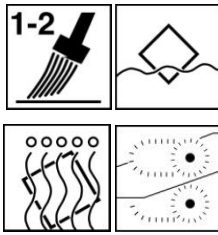
- For non-dimensionally stable and limited dimensionally stable timber components in the outdoor area such as wooden houses, timber cladding, canopies, fences, window shutters, balconies, gates, etc. in usage classes 2 and 3 without ground contact.

## 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.
- Please follow our **“Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part”**.

**Application technique**

Application method	Brushing	Coating machine	Immersion / flow coating
Yield per application (g/m <sup>2</sup> )	50 – 70	30 – 50	70 – 100

The product is ready to use.

**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)



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.

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**

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 – 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

<b>Impregnation</b>	<p>If necessary, apply 1 coat of Lignovit IG 53134 colourless (applies to timbers of durability class 3-5 according to EN 350-2.) to protect against blue stain, fungal decay and insect infestation.</p> <p>Intermediate drying: approx. 3 - 4 hours</p>
<b>Primer coat</b>	<p>1 x Lignovit Deco FS 51080 ff</p> <p>Intermediate drying: approx. 3 - 4 hours</p>
<b>Final coat</b>	<p>1 x Lignovit Deco FS 51080 ff</p> <p>Alternatively: 1x Pullex Aqua-Plus 53101 ff or Pullex Plus-Lasur</p> <p>Attention: If only one primer coat is applied at the factory, a final coat must be applied to the object after 3 months at the latest!</p> <p>Please observe the relative technical data sheets of the products.</p>

## MAINTENANCE AND RENOVATION

<b>Maintenance and renovation</b>	<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>If required, remove dust and dirt from the still intact areas and paint 1 x with Pullex Plus-Lasur 50314 ff.</p> <p>Please observe the relative technical data sheets of the products.</p> <p>Please follow our <b>“Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Durability, maintenance and renovation”</b>.</p>
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## ORDERING INFORMATION

<b>Size of trading unit</b>	20 l	
<b>Color shades/degree of gloss</b>	<p>Teck 51103</p> <p>Rovere 51104</p> <p>Pino 51105</p> <p>Noce 51106</p> <p>Bianco 51107</p> <p>Larice 51108</p> <p>Palissandro 51109</p>	

With the colour shade white 51107, yellow discolouration may occur in the case of a single application, which is why a second application is recommended.

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

### Base paints:

Base W30 51080

- 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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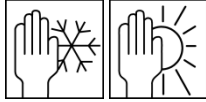
**Supplementary products**

ADLER Aqua-Cleaner 80080  
ADLER Abbeizer Rote Krähe 95125  
Lignovit IG 53134  
Pullex Plus-Lasur 50314 ff

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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 Deco FS (Cat. A/e):  
130 g/l (2010). Lignovit Deco FS contains a  
maximum of 50 g/l VOC.

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

The product is only suitable for industrial and professional use.

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