

## Lignovit Protect-Finish

5320

Water-based **highly transparent thin-film glaze** for **industrial and professional use**

It has been matched as a system with Lignovit IG-Protect

### PRODUCT DESCRIPTION

#### General

Water-based highly transparent thin-film glaze especially for softwood as spruce, fir, pine and larch. Very high blocking resistance, very high UV-protection, very high water protection and long lasting hydrophobizing. The natural yellowing of the wood is significantly reduced.

#### Special properties and standards

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

##### Active substance:

3 g/kg (0,3 %) IPBC (Iodpropinylbutylcarbamate)

- 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, profile boards, window shutters, balconies, gates, etc.
- Particularly suitable for the wood types spruce and larch.
- Not suitable for coloured types of hardwood like meranti, mahogany, etc.
- In the case of highly resinous Siberian larch and cedar, the durability of the coating system may be reduced on planed wood.

### 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.
- 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.

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

### Application technique

0-5% H<sub>2</sub>O

Application method	Vacumat	Brushing machine	Brushing
Dilution (thinning)	water		-
Thinner amount added in %	0 - 5		-
Application	1x	2x	2x
Application quantity (g/m <sup>2</sup> )	approx. 100 – 120	approx. 50 – 60	-
Yield per application (m <sup>2</sup> /l)	-	-	approx. 10

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
Recoatible	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

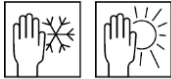


With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

<b>SUBSTRATE</b>					
<b>Type of substrate</b>	Planed, sanded or rough sawn softwood				
<b>Substrate property</b>	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.				
<b>Wood moisture</b>	12 – 15 %				
<b>Preparation of the substrate</b>	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.				
<b>COATING SYSTEM</b>					
<b>Impregnation</b>	1 x Lignovit IG Protect 53290				
<b>Intermediate sanding</b>	Slight smooth sanding: grit size 220 – 240 Remove sanding dust.				
					
<b>Intermediate and finishing coat</b>	1 - 2 x (depending on the processing) Lignovit Protect-Finish 5320				
<b>MAINTENANCE AND RENOVATION</b>					
<b>Maintenance</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 Lignovit Protect-Finish 5320.</p> <p>Please observe the relative technical data sheets of the products.</p>				
<b>Renovation</b>	<p>Sand old or weathered coatings until the raw wood. Remove old coatings that cannot be recoated.</p> <p>If necessary, treat greyed wood with ADLER Holzentgrauer 96348.</p> <p>Further processing as per new coating (see coating system).</p> <p>Please observe the relative technical data sheets of the products.</p>				
<b>ORDERING INFORMATION</b>					
<b>Size of trading unit</b>	4 l; 22 l				
<b>Colour / degree of gloss</b>	<table border="0"> <tr> <td>Spruce</td> <td>5320055484</td> </tr> <tr> <td>Lärche</td> <td>5320055485</td> </tr> </table>	Spruce	5320055484	Lärche	5320055485
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Lärche	5320055485				
<b>Supplementary products</b>	Lignovit IG Protect 53290 ADLER Aqua-Cleaner 80080 ADLER Holzentgrauer 96348				

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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 Protect-Finish (cat. A/e): 130 g/l (2010). Lignovit Protect-Finish contains maximum 90 g/l VOC (Volatile Organic Compounds).

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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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