

## Lignovit Protect-Primo

5359000200

Water-based **wood preservative impregnation** for **industrial and professional use**

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

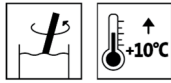
### PRODUCT DESCRIPTION

<b>General</b>	Water-based, colourless wood preservative impregnation with active biocidal agents especially for coniferous wood such as spruce, fir, pine and larch outdoors. Contains active light stabilisers to absorb UV radiation and stabilise the lignin component in wood. Uniform absorption effect especially on softwood.
<b>Special properties and standards</b>	<ul style="list-style-type: none"> <li>According to ÖNORMB 3802-2 or DIN 68800-3 the active substances used provide the protection required against blue stain (test conforming to EN 152-1) and wood-destroying fungi (test conforming to EN 113), and also prevent insect infestation (test according to EN 46). Application quantity for testing in conformity with the standards 100-120 g/m<sup>2</sup>.</li> </ul> <p><b>Active substances (B, P, Iv)</b>            9 g / kg (0,9 %) IPBC (iodopropynylbutylcarbamate)            2,5 g/kg (0,25%) tebuconazole            0,5 g/kg (0,05%) polymer betain            1 g/kg (0,1%) permethrin</p>
<b>Application areas</b>	<ul style="list-style-type: none"> <li>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. in usage classes 2 and 3 without ground contact.</li> <li>Not suitable for coloured types of hardwood like meranti, mahogany, etc.</li> <li>In the case of highly resinous Siberian larch and cedar, the durability of the coating system may be reduced on planed wood.</li> </ul>



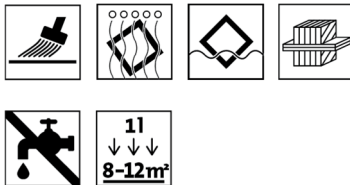
## PROCESSING

### 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.
- The optimal conditions for use are between 15 – 25 °C with a relative between 40 – 80 %.
- The product is not weather-resistant without a topcoat!
- The treated surfaces must be coated with a suitable top coat to prevent the active substances from being washed out. This surface coating must be maintained continuously.
- Please observe our “**Working guideline for the use of wood preservatives**”.

### Application technique



Application method	Brushing	Immersion / flow coating	Vacumat
Yield per application (g/m <sup>2</sup> ) <sup>1)</sup>	-	100 - 120	
Yield per application (m <sup>2</sup> /l) <sup>1)</sup>	approx. 10	8 - 12	

### Attention: Do not spray the product!

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)



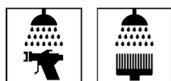
Subsequent coating	after approx. 4 hours
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The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.


Avoid direct sunlight (very quick drying).

### Cleaning the working equipment



With water immediately after use.

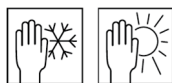
To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

<b>SUBSTRATE</b>	
<b>Type of substrate</b>	Softwood as well as plywood materials which are suitable for the exterior, such as, for example, solid wooden boards, glued laminated timber (GLT or Glulam) and solid structural timber (SST), etc.
<b>Substrate property</b>	<p>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.</p> <p>A prerequisite for ensuring long durability of the coating is to observe the basic principles of constructional wood preservation.</p>
<b>Wood moisture</b>	15 % +/- 2 %.
<b>Preparation of the substrate</b>	<p>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.</p> <p>Clean highly resinous timbers containing drying retardant components with ADLER Nitroverdünnung 80001.</p> <p>Treat infestation or attack by algae, moss or mold in outdoor areas with Aviva Fungisan 8308000210.</p> <p>Please observe the relative technical data sheets of the products.</p>
<b>COATING SYSTEM</b>	
<b>Impregnation</b>	1x Lignovit Protect-Primo 5359000200
<b>Intermediate sanding</b>	<p>If necessary, sand primed surface with grit size 220 - 240.</p> <p>Remove sanding dust.</p>
	
<b>Intermediate and finishing coat</b>	<p>1 - 2 x Lignovit Protect-Finish 5320055484 ff. The number of layers depends on the application technique.</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; 120 l; 600 l
<b>Colour shades / degrees of gloss</b>	Farblos/colourless 5359000200
<b>Supplementary products</b>	<p>Lignovit Protect-Finish 5320055484 ff</p> <p>Aviva Fungisan 8308000210</p> <p>ADLER Aqua-Cleaner 80080</p> <p>ADLER Nitro-Verdünnung 80001</p>

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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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**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.

Use wood preservatives safely. Always read the label and observe the relative technical data sheets of the products before use.

Wood freshly treated with Lignovit Protect-Primo must be stored on an impermeable, hard substrate after painting to prevent product residue from penetrating into the ground or waters. Any leaking product must be collected for reuse or disposal.

Lignovit Protect-Primo contains active biocidal substances to protect against blue stain, wood-destroying fungi and has a preventive effect against insect infestation. The product should therefore only be used when protection of the wood is prescribed or in specific cases when it is necessary. Do not use on a large scale indoors, under no circumstances in living rooms and bedrooms, however. May not be applied for treatment purposes in areas where food is obtained, produced, kept or sold. Do not use for wood that is fitted in apiaries or saunas and for wood in permanent contact with the ground and/or waters.

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