

# Lignovit IG Protect

53290

Water-based **wood preservative impregnation for industrial and professional use**  
 It has been matched as a system with Lignovit Protect-Finish

## PRODUCT DESCRIPTION

### General

Water-based transparent wood preservative impregnation especially for softwood as spruce, fir, pine and larch. Contains active light stabilisers to absorb UV radiation and stabilise the lignin component in wood.

### Special properties and standards

- 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), as specified by ÖNORM B 3803 or DIN 68800-3, and also prevent insect infestation (test according to EN 46). Application quantity for testing in conformity with the standards 200 g/m<sup>2</sup>.

- Active substances (B, P, Iv)**

0.30% (0.30 g / 100 g) IPBC (3-iodopropinyl butylcarbamate)  
 0.90 % (0.90 g / 100 g) Propiconazol  
 0.10 % (0.10 g / 100 g) Permethrin

- 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 coloured types of hardwood like meranti, mahogany, etc.
- In the case of highly resinous Siberian larch and cedar, the durability of the coating cycle may be reduced on planed wood.

## PROCESSING

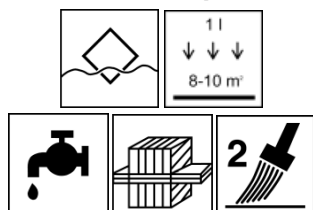
### Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 10°C.
- The product is not weather-resistant without a topcoat!
- 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 observe our “**Working guideline for the use of wood preservatives**”.
- Please follow our “**Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part**”.

### Application technique



Application method	Brushing, immersion	Vacumat
Dilution (thinning)	water	
Thinner amount added in %	Up to 10	
Yield per application (g/m <sup>2</sup> ) <sup>1)</sup>	100 – 120	
Yield per application (m <sup>2</sup> /l) <sup>1)</sup>	8 - 10	
<sup>1)</sup> Yield including addition of thinner.		

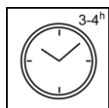
**Attention: Do not spray product!**

**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)



Recoatable	after approx. 3–4 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.

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

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** 1 x Lignovit IG Protect 53290

**Intermediate sanding** Slight smooth sanding: Grit size 220 – 240



**Intermediate and finishing coat** 1 - 2 x Lignovit Protect-Finish 5320  
The number of layers depends on the application technique.

## ORDERING INFORMATION

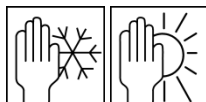
**Size of trading unit** 4 l, 18 l

**Color shades/degree of gloss** Farblos (Colourless) 53290

**Supplementary products** Lignovit Protect-Finish 5320  
ADLER Aqua-Cleaner 80080  
ADLER Abbeizer Rote Krähe 95125  
ADLER Holzentgrauer 96348

## FURTHER DETAILS

**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**

Delivery viscosity	Approx. 12 sec. in accordance with DIN 53211 (4-mm-cup, 20 °C) or approx. 46 - 51 s (2-mm-cup)
VOC content	EU-threshold for Lignovit IG Protect (cat. A/f): 130 g/l (2010). Lignovit IG Protect contains a maximum of 120 g/l VOC.

## Safety-related information



Please follow our “Guidelines on the use of wood preservatives” and the associated safety data sheet! The current version can be retrieved from the Internet at [www.adler-lacke.com](http://www.adler-lacke.com)

The product is only suitable for industrial and professional use.

Lignovit IG Protect 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 apply in rooms which are used to gain, produce, store or sell food and feed.

Do not use for wood that is fitted in apiaries or saunas and for wood in permanent contact with the ground and/or waters.