

# Lignovit Interior UV 100

53229

Water-based, thin-film **transparent wood finish** for indoors, especially for **industrial and professional** use.

## PRODUCT DESCRIPTION

### General

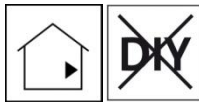
Water-based, thin-film and breathable transparent wood finish for indoors based on an acrylate dispersion. Its transparent and matt configuration provides a very natural appearance on softwoods.

### Special properties Testing standards



- Contains active light stabilisers to absorb UV radiation and stabilise the lignin component in wood.
- Much longer stabilisation of the natural appearance of softwoods than with classic colourless finishes.
- Free of chemical wood preservatives
- High breathability – healthy indoor climate
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

### Application areas



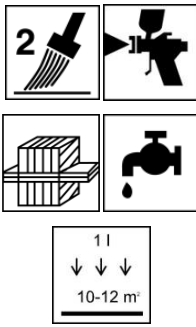
- For non-dimensionally stable and limited dimensionally stable timber components for interior use made of softwood, such as wall and ceiling elements. Particularly suitable for spruce timber.
- Not suitable for coloured types of hardwood like meranti, mahogany, etc.
- In the case of highly resinous 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.
- A temperature of the product, the object and the room temperature of at least +10° C is absolutely necessary!
- For new timber components we recommend an all-over primer and intermediate coating.
- The flow of resin cannot be avoided based on the coating method.
- Avoid direct sunlight (very quick drying).

**Application technique**

Application method	Brushing	Spraying	Vacumat
Dilution	-	water	
Thinner amount added in %	-	up to 10	
Application	2x	2x	2x
Application quantity (g/m <sup>2</sup> ) (planed)	-	approx. 80 – 100	
Yield per application (m <sup>2</sup> /l) (planed)	approx. 10 – 12	-	-

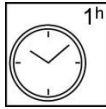
<sup>1)</sup> Yield including addition of thinner and loss while spraying

**The product is ready for use.**

The shape, the properties of the substrate and the moisture content of the wood affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

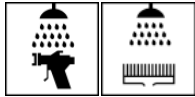
**Drying times**

(at 23 °C and 50 % rel. humidity)



Dust-dry (ISO 1517)	approx. 30 minutes
Grindable	approx. 60 minutes
Recoatable	approx. 60 minutes
Dried through	approx. 12 hours

The figures given above are reference values. The drying time depends on the type of wood, 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**

Softwood planed, sanded or rough sawn Optimised for use on spruce timber.

**Substrate property (or condition)**

The substrate must be dry, clean, capable of holding the paint, grease and wax-free and free from wood dust.

Increased consumption can be expected on rough sawn substrates.

**Wood moisture**

12 to 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

**Primer coat** 1x Lignovit Interior UV 100 53229

### Intermediate sanding



If required sanding with grit size 240 - 280  
During sanding use P2 dust filter

**Top coat** 1x Lignovit Interior UV 100 53229

## MAINTENANCE AND RENOVATION

### Maintenance

If required, remove dust and dirt from the still intact areas and paint 1 x with Lignovit Interior UV 100 53229.

Please observe the respective technical data sheets of the products.

## ORDERING INFORMATION

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

### Colours



#### Base paints:

Colourless 53229

Pastel colours can be mixed using the **ADLER colour mixing system, ADLERMix**.

### Supplementary products

ADLER Aqua-Cleaner 80080  
ADLER Abbeizer Rote Krähe 95125

## 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. 25 s in accordance with DIN 53211 (4-mm cup, 20°C)

VOC content EU limit value for Lignovit Interior UV 100 (Cat. A/e): 130 g/l (2010). Lignovit Interior UV 100 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**.