Pache SARL - 64 Route de Gravin, 74300 Magland
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Technical data sheet

ADLER
Paint runs through our veins.

Lignovit Interior UV 100 5314

Water-based, thin-layer **wood glaze** for interior use for **industrial and professional use**

PRODUCT DESCRIPTION

General

Water-based, thin-coat and breathable wood stain for interior use. Provides a very natural appearance for softwoods thanks to its transparent and matt finish. High breathability - healthy indoor climate. The product contains effective UV absorbers for absorption of UV radiation and stabilising the wood constituent lignin.

Much longer stabilisation of the natural appearance of softwoods than with classic colourless glazes.

Special properties and standards

- **ADLER green product**
  ADLER green-Label products are objectively tested and certified according to three categories: Environment, Health & Safety, and Durability. Only products that score positively in all these areas are awarded the green sustainability label.
- **Austrian Eco Label (UZ 01)**
- **declared product in baubook**
  Criteria of the "Baubook Ökologisch ausschreiben" fulfilled
- **French ordinance DEVL1104875A**
  Confirmed by an external test certificate.
  Marking of construction coating products for their emission of volatile pollutants: A+

Application area

For coating interior wall and ceiling elements.

Particularly suitable for spruce and fir.

Not suitable for coloured types of hardwood like meranti and mahogany.

For reclaimed wood and steamed wood, we recommend Innenlasur (5309), Terra Wax-Öil (7036) or Legno-Aqua-Öl (7030).

PROCESSING

Processing instructions

- 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.

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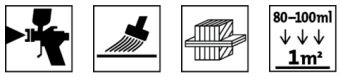
Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- **Attention:** Care should be taken to sand the wood uniformly and to apply the product evenly!
- Resin flow cannot be avoided by the coating.
- For new timber components we recommend an all-over coating.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result.

Application technique



	Cup gun	Brushing	Vacuum coater
Diluent	Water	-	Water
Diluent amount added (%)	0 - 10	-	0 - 10
Applied quantity per application (ml/m²)	80 - 100		
Wet film (µm)	80 - 100		

The product is ready to use.

An additional 40 % material consumption is to be expected on rough sawn timber.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. 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
Sandable and recoatable	approx. 1 hour(s)
Dried through	approx. 12 hour(s)

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!

Cleaning the working equipment

With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner (8029) (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Softwoods

Substrate property

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

13 % ± 2 %

Substrate preparation

For a uniform and natural look, we recommend sanding smooth wooden surfaces such as planed wood with grit size 120 in the direction of the fiber, cleaning them thoroughly and removing wood extractives, such as resin and pitch pockets. Round off any sharp edges.

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COATING SYSTEM

Primer coat

1 x Lignovit Interior UV 100 (5314)

Intermediate sanding

If necessary: Grit size 240 – 280

Remove sanding dust.

Finishing coat

1 x Lignovit Interior UV 100 (5314)

MAINTENANCE

Care

If required, remove dust and dirt from the still intact areas and paint 1 – 2 x using Lignovit Interior UV 100 (5314).

ORDERING INFORMATION

Size of trading unit

4 l, 18 l

Colour shades

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

Base paint(s):
Lignovit Interior UV 100 Farblos, tönbar (5314000220)

In order to ensure uniformity of the colour shade, use only material with 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.

Please observe our **ARL 800- Working guideline for working (including care and maintenance) with ADLER Mix, PUR Mix and Color4You dosing machines.**

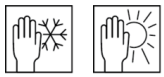
Supplementary products

Aqua-Cleaner 8029 (8029)
Innenlasur (5309)
Legno-Aqua-Öl (7030)
Terra Wax-Oil (7036)

Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage



Min. 1 year(s) in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

Close opened containers well and use up the content as soon as possible.

Technical specifications

VOC content of the ready-to-use mixture: EU limit for Lignovit Interior UV 100 (Cat A/e): 130 g/l.
Lignovit Interior UV 100 contains maximum 20 g/l VOC.

Safety information

The product is only suitable for the industrial and professional use.

The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2).

When sanding, use at least a P2 dust filter as personal safety equipment to protect against abrasive and wood dust.

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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.**

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