

Innenlasur UV 100

5310

Water-based, thin-coat **wood stain** for **interior** use, for DIY and commercial 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 light stabilisers to absorb UV radiation and stabilise the wood component lignin.

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

Special properties and standards



- **green-Label**
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)**
- **ÖNORM EN 71-3**
Confirmed by an external test certificate.
Safety of toys; migration of certain elements (free of heavy metals).
- **Declared in baubook**
Product has been declared and validated
- **French ordinance DEVL1104875A**
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-Oil (7036) or Legno-Aqua-Öl (7030).

PROCESSING

Processing instructions



- Please stir the product before use.
- 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 atmospheric humidity between 40 - 80 %.
- Resin flow cannot be avoided by the coating.
- **Attention:** Care should be taken to sand the wood uniformly and to apply the product evenly!
- For new timber components we recommend an all-over coating.
- Use the right painting and rolling tools for water-based paints.
- Carefully cover and mask areas which are not to be coated.
- The color shade, compatibility and adhesion to the substrate must be checked by creating sample panels.
- For tongue and groove boards, we generally recommend painting before installation; if this is not possible, apply only a small amount of paint in the tongue and groove area to avoid adhesion.
- 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



	Brushing
Applied quantity per application (ml/m²)	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)



Recoatable	1 hour(s)
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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!

Cleaning the working equipment



With water immediately after use.

To remove dried product residues we recommend using Abbeizer Express (8313).

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.

Please observe the additional documents:

- ÖNORM B 3430-1
- ÖNORM B 2230-1
- DIN 18363

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.

COATING SYSTEM

Primer coat 1 x Innenlasur UV 100 (5310)

Intermediate sanding If necessary: Grit size 240 – 280
Remove sanding dust.



Finishing coat 1 x Innenlasur UV 100 (5310)

MAINTENANCE

Care If required, remove dust and dirt from the still intact areas and paint 1 – 2 x using Innenlasur UV 100 (5310).

ORDERING INFORMATION

Size of trading unit 375 ml, 750 ml, 2,5 l, 10 l

Colour shades

Color4You

Base paint(s):
Innenlasur UV 100 Farblos, tönbar (5310000220)

Colour shades can be obtained using the **ADLER colour mixing system Color4You**.

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 consume blended products within 12 months.

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

Supplementary products Abbeizer Express (8313)
Innenlasur (5309)
Terra Wax-Oil (7036)
Legno-Aqua-Öl (7030)

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 Innenlasur UV 100 (Cat A/e):130 g/l.

Innenlasur UV 100 contains maximum 10 g/lVOC.

Giscode

BSW20

Declaration of ingredients according to VdL-RL 01

acrylic dispersions / inorganic white and coloured pigments / organic pigments / mineral agents / water / glycol ether / rheology additives / interface additives / wetting agent / anti-corrosion pigments / in-can preservation agents

Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May cause allergic reactions.

Information for allergy sufferers under telephone no. +43 5242 6922-713.

Safety information



The usual protective measures must also be observed when processing low-pollutant products.

During sanding use P2 / P3 dust filter.

It is recommended to use safety gloves and safety glasses while processing.

If medical advice is needed, have the packaging or label ready.

If the product comes into contact with your eyes, rinse immediately with water.

It should be kept out of reach of children.

Ensure proper ventilation during and after application.

During work, do not eat, drink or smoke.

Do not allow to enter drains, water courses or soil.

Only dispose of empty containers for recycling, liquid material residues can be disposed of as water-based paint waste, dried material residues as hardened paint or as household waste.

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.