

LIGNUM P-9000

WOOD PRESERVATIVE WATER-BASED IMPREGNATOR



LOAD-BEARING STRUCTURES (rooftops, walls, etc.)

FLOORS

FURNITURE

WINDOW AND DOOR FRAMES

FRAMES

ANTIQUES

WOODEN HANDWORKS

COVERAGE

1 litre per 12 - 15 m². Treatment with preventive biocidal function: 5 m² per 1 litre of product. The coverage may vary depending on the application method, the wood species treated, the surface finish of the wood and the number of coats carried out.

TYPICAL USE

- **Preserver** composed by water-based polymer emulsion. It's suitable **for all types of internal and external wood surfaces**.
- **Preventive biocidal action** against **fungi, woodboring insects and bacteria**.
- As a **primer**: for wooden surfaces needing a finish treatment.
- As a **finish**: for wooden surfaces not directly exposed to the weathering.

BENEFITS

- Suitable for timber treatment for **Use Class 1, 2 and 3** [reference to UNI EN 335:2013]. Timber used in class 3 and treated with Lignum P-9000 must be covered with a finishing varnish.
- Excellent aesthetic with **just one coat**.
- It **does not create any bleaching or greying** on the surface, not even near the knots of wood.
- It colours the wood fibre **without forming film** on the surface.
- It **enhances** the wood grain.
- The surfaces are still **permeable by steam**, even after the treatment.
- **Treated timber can be handled and stacked**, even if it is still **wet**, due to the **self-restoring** property of the product.
- It is **not necessary to sand the surface** either after application or when carrying out periodic maintenance. If the fibres are very soft, it is sufficient to use a plastic abrasive pad.
- It can be applied **quickly and easily** to any wood species.
- Coloured versions have **good UV resistance**. Resistance is higher for dark coloured versions, lower for light coloured versions.

APPLICATION METHOD

The product is **ready to use**.

Before the application

- The **surfaces** to be treated must be perfectly **clean and dry**.
- The **tools** used must be **clean** (without any residues and impurities) and **dry**.

Application tools

Paintbrush, sponge, immersion, impregnation machine (with or without brushes). The **best application conditions** are achieved with flat brush types such as HY-DROVELVET.

Application

- Shake (or stir with clean tool) the product before use.
- Apply the product evenly on the surface and then let it dry.
- **If used for preventive preservative action**, apply the product in two coats until the indicated quantity has been completely absorbed.
- **If used as a primer**, wait 24 hours for the application of the topcoat. In any case, the surface must be dry.
- **If used as a finish**, surfaces must not be exposed to direct weathering. If a second coat is required, wait at least 30-40 minutes between the first and second application. In any case, the surface must be dry.

Drying time

In a well-ventilated place, at about 20 °C, 15 to 30 minutes are generally sufficient for the first coat. Wait 30-40 minutes for a second application. In any case, the surface must be dry.

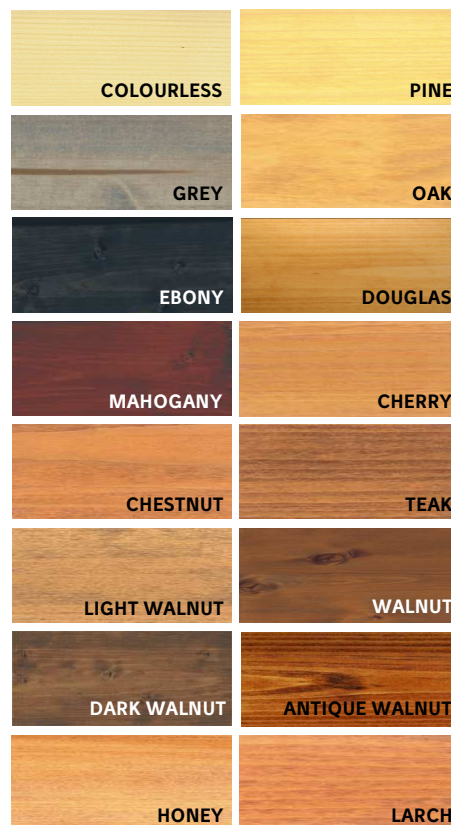
Tools cleaning

Clean tools with clean water immediately after use. If it is not possible the perfect removal of product residues because of delay of cleaning, (especially on the impregnation machines), use DETERSOLV or

please contact our Technical Department.

Maintenance of treated surfaces

If the product has been used as a finish, after cleaning the surface (no sanding necessary) with a soft sponge and water or diluted LIGNUM PULIX (depending on the amount of dirt), simply reapply Lignum P-9000, if necessary. For the using instructions of LIGNUM PULIX, please contact our Technical Department.



ADVICE: the colours in the image are not blinding, even if they are nearly authentic and they are indicative. The do not represent the entire range of our pigmentations (it is possible to request customised pigmentations).

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TECHNICAL DATA

Aspect: liquid
Colour: white (colourless version)
Odour: fruity essence
Density: 0,997 g/ml at 20 °C
pH: 8.50 at 20 °C
Water solubility: miscible

CONTENT OF VOC - Volatile Organic Compounds (Directive 2004/42/EC)

Minimal build woodstains. VOC limit: 130 g/l. **VOC in g/l of the product in a ready to use condition: <0,9 g/l.**

PACK SIZES

- 1 l tin (case pack - 12 units)
- 2,5 l metal bucket (case pack - 8 units)
- 5 l metal bucket (case pack - 4 units)
- 25 l metal bucket (pallet - 36 units)

Transport packaging consists of ECO-SUSTAINABLE PALLETS (with certification of use of wood sourced from PEFC-certified forests).

WARNINGS

- Use gloves, goggles and protective clothing during use. In case of poor ventilation and/or prolonged use of the product, a respiratory mask should be worn.
- Apply the product at temperature between +10 °C and +30 °C. Lignum P-9000 is water-based: **protect from frost!**
- **The treated wood must not be exposed to the exterior, either during or after the drying phase. Do not handle the treated timber with gloves or wet hands.**
- After application, some of the wood fibres may slightly lift up (depending on wood species): rub the surface with a soft brush or a plastic-fibre pad ("white" type).
- Considering the great variety of wood species currently on the market, **a test is always recommended** before proceeding with application. Contact our Technical Department for further information.
- The product contains biocidal substances and it is a preservative for wood on free sale.

STORAGE

Store the product in original container, tightly closed, in a cool and ventilated place, keeping it away from sources of heat. Protect from frost! Storage temperature: between +5 °C and +30 °C. The shelf-life: 12 months from production (see batch label on the pack).

LABELLING

Signal word
Attention

Hazard statements

Very toxic to aquatic life with long lasting effects. 3-iodo-2-propynyl butylcarbamate (IPBC), m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (permethrin), N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine. May produce an allergic reaction.

Precautionary statements

Avoid release to the environment. Collect spillage. Dispose of contents and containers as hazardous wastes. **IF ON SKIN (or hair):** remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Store locked up.

