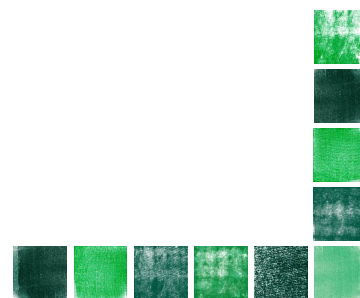


LIGNUM P-9000

WOOD PRESERVATIVE WATER-BASED WOODSTAIN



PRODUCT DESCRIPTION

- **Lignum P-9000** is a **preservative wood stain** consisting of a water-based polymer emulsion, **with preventive action** against xylophagous fungi, blue stain fungi and xylophagous insects.
- **It colours** any wooden surface (16 available colours).
- It can be used **as a primer** on wooden surfaces requiring a finish **and as a finish** on surfaces not directly exposed to the weather.

RECOMMENDED USE

Lignum P-9000 can be used on any wooden surface, **indoors and outdoors**.

If used outdoors, a protective finishing treatment is recommended.

The product is suitable for:

- STRUCTURES (roofs, walls, etc.)
- CLADDINGS*
- FURNITURE
- GARDEN SHED AND GARDEN FURNITURE*
- FRAMES
- DOORS AND WINDOWS*
- FENCES*
- GAZEBOS E CARPORTS*
- BRIDGES AND JETTIES*
- WOODEN ARTEFACTS AND OBJECTS
- FLOORS*

*If exposed outdoors, provide for a suitable finishing treatment.

COVERAGE

Decorative treatment: **12 m² with 1 litre of product**. The coverage may vary depending on the application method, the wood species treated, the surface texture of the wood and the number of coats carried out.

Treatment with preventive biocide action: **5 m² with 1 litre of product**. Apply this coverage to ensure biocidal effectiveness.

CHARACTERISTICS

- Suitable for timber treatment for use classes 1, 2 and 3 [reference to standard UNI EN 335-1:2013]. Timber used in class 3 and treated with Lignum P-9000 must be covered with protective finishing treatment.
- High aesthetic quality **with just one coat of product**.
- It does not create any bleaching or greying on the surface, not even near the wood knots.
- **It enhances the grain of the wood**.
- It colours the wood grain without forming a film on the surface.
- Surfaces remain permeable to steam, even after 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.
- Coloured versions have good UV resistance. Resistance is higher for dark coloured versions, lower for light coloured versions.
- **Quick and easy** to apply.

BEFORE APPLICATION

- The surfaces to be treated must be perfectly **clean and dry**.
- The used **tools** must be **clean** (free of impurities or residues of other products) and **dry**.

TOOLS

Brush, HYDROVELVET pad, immersion, sponge, paint spray gun, impregnating machine (with or without brushes).

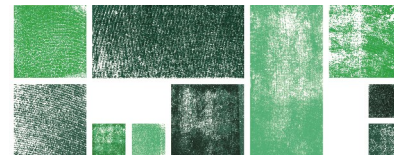
METHODS OF APPLICATION

- The product is **ready to use**. It must not be diluted.
- **Shake or mix** the product with a clean tool for at least 3 minutes before use.
- **Apply** the product evenly on the surface, then let it dry. If used for preventive biocidal action, it may be necessary to apply at least 2 coats to respect the coverage concerning biocidal effectiveness.
- If used as primer, wait 24 hours before applying the finishing product. In any case, the surface must be dry.
- If used as finish, the surface must not be directly exposed to the weather. If a second coat is to be applied, wait at least 30-40 minutes between the first and second coat. In any case, the surface must be dry.
- **It is not necessary to sand** the surface after the application of the product. In the event that a slight lifting of the fibre occurs on some wood species, it is sufficient to use a soft brush or an abrasive pad of plastic fibres (type "white" or "red") on the surface to eliminate this inconvenience.

ATTENTION (continued on page 2)

- Apply the product at temperatures between +10 °C and +30 °C. Lignum P-9000 is a water-based product: **protect it from frost!**
- Treated wood must not be exposed to the weather, neither during nor after drying phase.
- Do not handle the treated timber with gloves or wet hands.
- Use butyl rubber, nitrile, polychloroprene gloves, thickness: 0.5 mm, permeation time <60 min. and protective clothing during use. In case of poor ventilation and/or prolonged use of product, we recommend wearing a respirator mask with an ABEK-type filter. Protective goggles are recommended.

LIGNUM P-9000



ATTENTION (continued from page 1)

- The product contains biocidal substances and is a wood preservative on free sale.
- Timber used in class 3 and treated with Lignum P-9000 must be covered with a protective finishing treatment or, more generally, a coat that prevents even the slightest leaching of the biocide product. The final coat must be kept intact over time.
- For professional users: always consult the safety data sheet.
- 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.

- Finish treatment with: LIGNUM HYDROMIL, LIGNUM PER-LA, LIGNUM NATURE
- Products of other brands: always carry out preliminary checks.

PERFORMED TESTS

CONTENT OF VOC – Volatile Organic Compounds (Directive 2004/42/CE) – Woodstain forming a film of minimum thickness. Maximum limit: 130 g/l. VOC expressed in g/l of ready to use product: <74,90 g/l.

LABELLING

Signal words

Warning

Hazard statements

May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.

Precautionary statements

Dispose of contents/container in accordance with local regulations. Keep out of reach of children. Wear protective gloves. If medical advice is needed, have product container or label at hand. Avoid release to the environment. Collect spillage.

Contains: 3-iodo-2-propynyl butylcarbamate (IPBC).



PACK SIZES

- 1 litre metal can (box containing 12 pieces)
- 2,5 litre metal bucket (box containing 8 pieces)
- 5 litre metal bucket (box containing 4 pieces)
- 25 litre metal bucket (pallet containing 36 pieces)
- 200 litre metal drum (pallet containing 4 pieces)

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

DRYING TIME

In a ventilated area, at about 20 °C, it usually takes between 15 and 30 minutes for the first coat to dry. For the second coat, wait 30-40 minutes. In any case, the surface must be dry.

CLEANING OF TOOLS

With clean water immediately after use. In case of excessive delays in cleaning, such as to prevent the perfect removal of product residues (especially in impregnating machines) use DETER-SOLV or contact our Technical Office.

TREATMENT MAINTENANCE

After cleaning the surface with a damp sponge (it is not necessary to sand) just apply Lignum P-9000 again, if necessary.

PRODUCT STORAGE

Store product in the original container, well closed, in a cool and aerated place, protected from heat sources. The product is frost sensitive! Storage temperature: between +5 °C and +30 °C.

Shelf life: 12 months from manufacturing (see batch on package).

TECHNICAL DATA

Aspect: liquid

Colour: white (colourless version)

Odour: characteristic

Density: 0,98-1,05 g/ml

pH: 7,80-8,60

Water solubility: miscible in water

Boiling point: 100 °C

COMPATIBLE PRODUCTS

- Filler: XILOSTUH



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