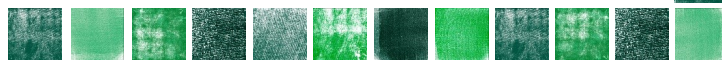


LIGNUM BIANCOLEGNO®

WHITE WATER BASED WOOD STAIN



PRODUCT DESCRIPTION

- Lignum Biancolegno® is a **white wood stain** composed of a water-based polymer emulsion.
- It **colours** any wooden surface **white**.
- 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 Biancolegno® can be used on any wooden surface, **indoors and outdoors**.

If used outdoors, it should be finished with LIGNUM HYDRO-MIL SPECIAL IVORY.

The product is suitable for:

- ROOFS
- COVERINGS
- FURNITURE*
- GARDEN HOUSES AND GARDEN FURNITURE*
- FRAMES
- DOOR AND WINDOWS*
- SHELTERS*
- GAZEBOS AND CARPORTS*
- WOODEN ARTEFACTS AND OBJECTS
- FLOORS*

*Consider a suitable finishing treatment

COVERAGE

8 - 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.

CHARACTERISTICS

- High aesthetic quality **with just one coat** of product.
- It has **good covering power**, but is also able to **enhance the grain of the wood**.
- **No need to sand the surface** either after application or when carrying out periodic maintenance.
- It is **UV-resistant**, delaying the weathering of the material.
- **Quick and easy** to apply.
- **Safe** for the environment and the operator.

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, dipping, spraying, impregnating machine. The **best application conditions** are achieved with pads of the HYDRO-VELVET type.

METHODS OF APPLICATION

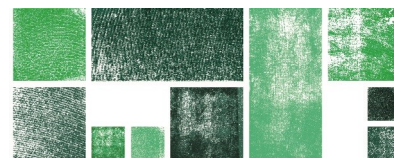
- The product is **ready to use**. It does not need to be thinned.
- **Shake or mix** the product with a clean tool before use.
- **Apply** the product uniformly on the surface along the direction of the grain, then let it dry.
- If used as a primer, wait 24 hours before applying the finishing product. In any case, the surface must be dry.
- If used as a finish, the surface must not be directly exposed to the weather. If you want to apply a second coat, wait at least 30-40 minutes between the first and second coat. In any case, the surface must be dry.
- **To obtain the desired shade of white**, it may be necessary to apply several coats, depending on the absorption capacity of the wood. In view of the heterogeneity and variety of wood species currently on the market, we recommend always carrying out preliminary tests. In case of doubt, please contact our Technical Department.
- **It is not necessary to sand the surface** after 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

- The product should be applied at temperatures between +10 °C and +30 °C. Lignum Biancolegno® is a water-based product: **it is frost sensitive!**
- Treated wood must not be exposed to the weather, either during or after the drying phase.
- Do not handle treated wood with wet gloves or hands.
- Lignum Biancolegno® may adhere over previous treatments. Always carry out preliminary tests and evaluate possible sanding to improve product adhesion.

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 DETERSOLV or contact our Technical Office.

TREATMENT MAINTENANCE

After cleaning the surface with a damp sponge (it is not necessary to sand) just apply again Lignum Biancolegno®. For a more lasting white effect it is advisable to apply two coats of product.

PRODUCT STORAGE

Store the 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 lot on package).

TECHNICAL DATA

Aspect: liquid

Colour: white

Odour: characteristic

Density (20 °C): 1,40 g/ml

pH: 7,00

Water solubility: miscible

Boiling point: 100 °C

COMPATIBLE PRODUCTS

- Primer: LIGNUM P-9000, LIGNUM PRIMER 115
- Filler: XILOSTUH
- Finish: LIGNUM HYDROMIL SPECIAL IVORY, LIGNUM PER-LA IVORY, LIGNUM NATURE*
- Products of other brands: always carry out preliminary checks.

*The finishing treatment with Lignum Nature cannot maintain the exact shade of white of the background product, since the product is based on linseed oil.

PERFORMED TESTS

CONTENT OF VOC - Volatile Organic Compounds (Directive 2004/42/EC) - Interior and exterior minimal build woodstains. Maximum limit: 130 g/l. VOC expressed in g/l of ready to use product: 1.4 g/l.

Standard UNI EN 15187 - Assessment of the effect of light exposure. Lignum Biancolegno® passed 3 exposure cycles without significant changes.

LABELLING

No signal words

Hazard statements

Safety data sheet available on request. Contains: Reaction mass of 5-cloro-2-metil-2H-isotiazol-3-one [EC no. 247-500-7] and 2-metil-2H-isotiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Precautionary statements

Keep out of reach of children.

Article treated with biocidal products (art.58 Reg. UE 528/2012). Contains: Reaction mass of 5-cloro-2-metil-2H-isotiazol-3-one [EC no. 247-500-7] and 2-metil-2H-isotiazol-3-one [EC no. 220-239-6] (3:1) [C(M)IT/MIT (3:1)].

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)
- 20 litre metal bucket (pallet containing 36 pieces)
- 25 litre metal bucket (pallet containing 24 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).



Manufactured by HDG Group S.r.l.
Viale Grazia Cavanna, 3 Loc. SISSA
43018 SISSA TRECASALI (PR) ITALY
Tel. +39 0521379085 - www.hdg.it/en