

WB1 CONCENTRATE

SOLVENT-FREE, WATERDILUTABLE WOOD PRESERVATIVE THAT WORKS AGAINST FIRE, INSECTS, EVEN TERMITES, AS WELL AS FUNGUS

MANUFACTURED IN A WORLD-WIDE PATENTED PROCEDURE

PRODUCT TYPE:	The Product WB1 is a solvent-free, water-dilutable, wood preservative that works against fire, insects, even termites, as well as fungus and is produced on the basis of mineral and re-growing resources.
BIOLOGICAL CHARACTERISTICS:	WB 1 contains no toxicologically questionable ingredients, which was proved by tests that evidenced its non-toxic nature: TÜV, Ökotest, TU Hamburg-Harburg, Lafu GmbH. WB 1 requires no marking according § 4 of the Ordinance of Hazardous Substances. There is only water vapour, no release of fumes (no self-emission). It is food-safe and even safe for bees.
INNOVATIVE ADVANCED ACTIVE PRINCIPLE:	WB1 is produced on the basis of mineral and renewable resources. The nutrients that the insects are searching for are eliminated until penetration depth. At the same time the treated wood is made unrecognizable for the parasites as their source of food. Its special immediate parasite-fighting effect lies in the way that WB 1 fills out the food ducts and immobilizes the insects once they come into contact with it.
AREAS OF APPLICATION:	Non-toxic product to protect all wood classes against parasite infestation, fungus infestation, termites and fire (International test certificates) and even to treat some of these pathologies. In case of fire the treated wood is protected from fire expansion and smoke development. Immediate effect in the case where wood is already infested by insects and fungus. Blocking effect against pollutant emission without self-emission. Emissions of biocides that are classified as toxic like Lindan and PCP from wooden components can be reduced by using WB 1. After 30 days and two applications of WB1 1 the reduction of pollutant emission of about 50% with Lindan and DDT as well as 70% with PCP can be verified. It is adapted to use in interiors without coatings and exteriors with coating in the form of natural protective products against water. For all outdoor wood additional moisture protection is required. It is apt for food stocking areas and areas occupied by allergy sufferers, sick persons and small children. The same for areas occupied by animals (e.g. bees and stables). It does not chip and the application can, if necessary, be repeated without polishing. WB1 reduces emissions of pollutants. WB1 let the wood breathe and is open to the aqueous vapour diffusion. It protects against UV rays and avoids that the wood gets grayish or white. It fortifies old and damaged wood.
COMPOSICIÓN AND ACTIVE COMPONENTS:	WB 1 consists of mineral and vegetable substances such as: potassium bicarbonate, silica, cellulose, xylose and water, also acids from wood, natural turpentine, wood sugar, sodium carbonate, vegetable colourings and natural resins.
CONTAINER SIZES:	1l, 5l o 10l
CONSUMTION:	Each litre of the concentrate = 4 litres of the finished product and sufficient to protect 20 m2 of wood
RECOMMENDATION:	Oil coating can be applied such as crude linseed oil, stand oil and boiled linseed oil.
DURABILITY:	Limitless. It is not necessary to protect it of extreme

temperatures. In order to store the non-diluted product, close the package well to avoid that it is dried.

ADVICE OF PRUDENCE IN THE APPLICATION:

The rate of alkalinity of WB1 before drying is 10.5 to be placed later in 7. During its elaboration the contact with the skin and the eyes is due to be avoided by wearing gloves and glasses of protection. Don't put in contact with iron, is corrosive. Don't stain surfaces of glass, stoneware or natural stone.

RISK ADVICE:

WB1 does not contain toxic substances and is free of injurious emissions for the health. WB1 is 100% biodegradable. It contaminates the atmosphere neither with his application nor with its elimination.
Its adapted to be used in the surroundings of allergic, ill persons and children. Its adapted to be used in animal stays. Don't ingest. Keep outside the reach of children. In case of contact with the eyes and the skin, wash immediately and abundantly with water.

DOSE AND WAY OF USE:

The product WB1 is commercialized in the form of concentrate. Before applying, mix and to dilute the content of the package or parts of the content with 3 equal parts of water. The application of WB1 is with brush or pistol. Minimum amount for the wood protection: 200 ml/ m² of the product diluted with water. During the drying the treated pieces are sticky! Let dry until the surface is not sticky to the tact. Protect treated surfaces against pluvial waters, especially in the first 10 days.

Protection against insects (termite, wood- worms, etc.) and fungi and treatment against wood-worms(little holes):

The wood must be clean of dust and free of varnishes. Apply the product diluted with 3 volumes of water, after drying repeat the process. Termite protection: WB1 dilution (1 part WB 1 and 3 parts water, apply twice (allow to dry) (*according to MFL- Mississippi Forest Product Laboratories, USA*).

For the protection against termites the concentration of the product is necessary to increase until 1:2 in case of absorbent wood like the Eucalyptus.

Treatment against fungi: Apply the product diluted with 3 volumes of water. After drying repeat the process at least 2 times. In case of severe and deep infestation apply WB1 1in concentrated form as after-treatment, The white layer (excess of the crystallization process), where appropriate, can be eliminated in dry with a brush. The wood could also be given an oil (e.g. crude linseed oil, stand oil, boiled linseed oil) or wax, whereby the crystalline surface disappears.

Food duct saturation (except wood-worms and termite):

Injecting into the open food ducts with the aid of an ordinary injection syringe and a long cannula.

Drill hole saturation: Additionally a drill hole saturation can be done: Drill holes of 2-3 mm in diameter are placed in a distance of 15-20 cm (6-8 inches) an the product injected. Normal dilution is 1:2 It is essential that the agent reaches the infestation. If work is done above the head: Drill holes need to be sealed with wax or the like before the injection. If decorative paints are to follow the wax might need to be removed.

Prevention of egg deposition: Remove old coats if necessary and apply WB 1 in dilution of 1 part WB 1 and 3 parts water.

Usage for wood solidification:

WB 1 fills out the food ducts, strengthens wood that has become unsound and replaces the lost wood pulp. With this measurement expensive restoration or even demolition of the wood can be prevented.

Reduction of toxic gas discharge in wood treated with injurious substances and fortification of the old or damaged wood with loss of substance:

Apply the product diluted with 3 volumes of water. After drying, repeat the process. Application can be done by painting, rolling-on, spraying, dipping and flooding as well as by boiler pressure.

Protection against fire:

Pre-treatment: apply WB 1 once in dilution (1 part WB 1 and 3

parts water).

Main treatment: 2 applications of WB 1 as concentrate (according to UL, Underwriters Laboratories Inc., USA and EMPA, CH)

Fire retardant: WB 1 diluted with water (1 part of WB1 and 3 parts of water), apply twice.

Pollutant emission reduction: 2 applications (allow drying) (University of Hamburg-Harburg, Germany).

Wet protection is also provided: If another wet protector is used it should be tested in an unseen spot so that reactions of incompatibility are avoided! WB 1 can cause discolouring in certain woods (for example oak wood), which will however regress within 5 months as research in Germany and Switzerland have attested.

Treatment preparation: Dirt, water-repellent substances and old paints need to be removed. Metal parts should be covered well!

1. One part WB 1 is mixed with 3 parts of water. 2. Paint, roll-on, dip or flood once and then allow to dry until the water has evaporated. Repeat this process if necessary.

Treatment as concentrate: 1. Stir WB 1 well 2. Apply WB1 by painting, rolling-on, dipping or flooding. All parts of the wood have to be covered by WB 1. Insert WB1 through drill hole saturation or injection. 3. Note that the treated wooden parts should not touch while drying because they would stick together. 4. The wood that was treated this way has to dry long enough so that the surface is not sticky anymore. 5. Repeat this process if necessary.

Precaution: It is recommended to wear safety gloves and glasses during the treatment because of the alkalinity (as in soaps and soda products). (After drying WB1 is neutral). If contact with the eyes happens accidentally, rinse immediately with a lot of water and consult with a doctor if necessary. If skin has come into contact with WB 1 it should be washed immediately and lotion should be put on.

Elimination and Cleansing:

WB 1 should be cleansed right after the use of tools and items that have come into contact with it. Dried-up WB 1 can be disposed like ordinary household waste.

ATTENTION: Glas- and metal parts should be well protected – as is the normal rule with paints- if a special metal patina is not intended! If WB1 was accidentally put onto unprotected metal or window grate it should be removed with a damp cloth immediately.

TERM OF SECURITY:

Limitless.

APTITUDE:

All wood classes.

In some wood they can appear changes of color (Chestnut and Douglas for example). In these woods, if they remain viewable, we recommend HM1 concentrate, that does not change the color in any wood class.

If they appear white crystals it got applied an excess of product. These excesses will be eliminated in dry with a brush. Also they will disappear by itself in course of time.

ASPECT:

Transparent, satin-mat, slightly yellowish. It heightens the veining.

CANNABRIC
Cañada Ojeda, 8
E-18500 Guadix (Granada)
(0034) 958 66 33 44
(0034) 686 385 567
cannabric@cannabric.com
www.cannabric.com

