

High performance weather resistant Wood protection

DESCRIPTION

Lignol® Wood Care UV is a water based, multifunctional, clear impregnation, specifically developed for wood protection on external wood surfaces. The product provides excellent water repellent properties and rain protection, together with outstanding UV protection.

New, Nano scale and reactive ingredients penetrate deep into the wood and create a hydrophobic and durable UV stable protection.

Lignol Wood Care UV has outstanding penetrating properties and protects and preserves the substrate without altering the natural surface texture.

The nanoscale UV absorber in Wood Care UV® provides high durability of the coating, but without reducing the transparency of the impregnation, leaving the wood looking natural. The clear, fast drying coating is the only one of its type to prevent significant greying of the wood.

Lignol® Wood Care UV is excellent water repellent but also is permeable to vapour; a combination which provides superior moisture regulating properties and maximum and outstanding wood protection.

Wood Care UV® does not react with the joint sealer or any other substrates. and does not change the slip resistance of a wood.

RECOMMENDED FOR

Wood Care UV is recommended for external use on old and new wood surfaces. Wood Care UV is suitable for Wester Red Cedar and most medium heavy woods, and all light woods.

FEATURES & BENEFITS

- **Water based, environmentally friendly, VOC free**
- **UV-stable, UV protection**
- **Protection against greying**
- **Excellent appearance**
- **Water repellent.**
- **Easy to clean and to maintain.**
- **Excellent moisture regulation**
- **Significant reduced water stains.**
- **Economical, outstanding coverage rate**
- **permeable to vapour**

SPECIFICATIONS

Supply form	Liquid
Colour	Yellowish clear
Density	Approx 1.03
Solvents	< water
Flashpoint	N/A
Storage temperature	Not below 4°C /39°F
Application temperature	4 to 30 °C / 39 to 86°F

SURFACE PREPARATION

The surface must be clean, dry and free of dirt, contaminants, oil and coatings. On old previous painted, or heavily weathered wood, we recommend sanding the surface, to remove all old coatings and oxidation but also to get the best possible appearance.

Please be aware that Lignol Wood Care UV is a clear impregnation.

To get an even penetration and an even colour appearance it is important to remove all grey oxidation of the surface.

For preparing the Wood, and to achieve the best possible performance and appearance of the final result, the most suitable surface preparation should be used.

Old and heavily weathered wood should be sanded in any case, to refresh the colour of the wood.

A special wood cleaner can be used for medium weathered surfaces

APPLICATION OF WOOD CARE UV

The surface must be dry and dust free.

A primer is not required. However , a primer can be used for additional UV protection. Lignol Sun Care Primer is recommended to be used on light wood like Wester Red Cedar.

Mixing:

Shake container well, before pouring Wood Care UV into a clean bucket.

Do not dilute. The characteristics of the product can be affected if mixed with other substances.

Wood Care UV can be applied with a paint pad or paint brushes or airless sprayers. Usually paintbrushes and paint pads will give a better result.

Apply the coating evenly and avoid product splashes on adjoining surfaces.

It is important to cover 100% of the wood to protect the surface from UV rays Apply 2 coats of Wood Care UV. Avoid Wood Care UV puddling and do not over-apply the finishing coating.

Avoid applying finish coatings during the hours of most intense sunlight, if at all possible.

Apply second coat when first coat is completely dry and tack free.

A light grey substance can be visible during the application.

This will dry up completely invisible. Don't apply in bad weather conditions. Coating needs 2 – 3 hours to be rain proof.

Lignol Wood Care UV can be reapplied like described before on any clean and dry surface and on top of Wood Care UV coated wood.

TOOLS

Wood Care UV paint application pad, Paint brushes, Airless sprayer.

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We do recommend not to use paint rollers.

CURING

Lignol Wood Care UV During application and drying, the temperature should not drop below +5°C/ 41°F. Dries within 2-4 hours under normal conditions (20°C/68°F, 50% relative humidity). The drying time varies with the temperature / humidity and surface conditions. The hydrophobic properties appear after 4- 6 hours.

Application temperature: + 5 °C to +30°C/41 to 86°F.
Avoid painting on extremely hot surfaces.

CONSUMPTION

Consumption app. 50-100 ml/m² for one coat, depending on the absorbency and the condition of the substrate. and approx. 40- 80 ml ml/m² for any second coat. Coverage rates are a guideline only and are at the lower end of the scale for sanded wood.

CLEANING

Tools should be cleaned with clean water or Acetone after use.

STORAGE

Lignol Wood Care UV can be stored in tightly sealed original containers for at least 24 months, if kept dry and at moderate temperatures.

It is important to reseal containers tightly after use. Store in a cool, dry place and protect from heat, freezing and direct sunlight.

The product must be stored in accordance with national regulations.

PACKAGING

Lignol® Wood Care UV is available in 2.5 litre containers.

CARE AND MAINTENANCE

Here are a few recommendations to keep the coated surface functional for many years.

Dirt and dust buildups can be removed with a wet cloth or a mop. Do not use abrasive cleaning tools. Moderate water pressure can be used to wash down larger areas if necessary. (hose)

Spills should be wiped off as soon they happen. If you have dried up spills, use mild cleaner and warm water to soften the build-up, let it soak for 2 – 5 minutes and than wipe it off. Don't rub it with hard brushes or pads.

Don't use any acid based cleaner. Avoid harsh solvents like Acetone.

Engine oil and olive oil should be removed as soon as the spill happens. Usually the liquids can be soaked up paper towels without leaving stains. If left to long, clean with plenty of hot water and some mild soap cleaner.

For normal maintenance use soft deck brush or a mop and mild detergent.

Scratches and other damaged surface areas should be recoated as soon as possible to avoid UV related damages to the wood. This can be simple done by coating the affected areas.

The water repellent effect can be renewed by applying one coat of Lignol Hydro Care, or one coat of Lignol Wood Care UV. Usually this can be done on a clean and dry substrate without sanding.

PRECAUTIONS

READ ALL SAFETY DIRECTIONS AND WARNINGS ON PACKAGING BEFORE USE. REFER TO MATERIAL SAFETY DATA SHEET FOR HANDLING PROCEDURES.

Lignol® Wood Care UV is not classified as dangerous goods.

Adequate protective personal equipment should be used. Please read the Material Safety Data Sheet.

The information, and, in particular, the recommendations relating to the application and end-use of the products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

Technical information and services are freely available from the Web site www.nanovations.com.au

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