

# Lignol® Teak Guard Marine



High performance weather resistant Teak protection

## DESCRIPTION

**Lignol® Teak Guard Marine** is a water based, multifunctional, clear impregnation, specifically developed for wood protection on external Teak in the marine environment.. New, nano scale and reactive ingredients penetrate deep into the wood and create a hydrophobic and durable UV stable protection.

Teak Guard has outstanding penetrating properties and protects and preserves the substrate without altering the natural surface texture.

The nanoscale UV absorber in Lignol Teak Guard Marine 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.

The coating provides a protection against water stains, and food and drink spills can be wiped away or washed off without staining the wood.

Lignol® Teak Guard Marine is water repellent but also is permeable to vapour; a combination which provides superior moisture regulating properties and maximum and outstanding wood protection.

Teak Guard does not react with the joint sealer or any other substrates. and does not change the slip resistance of a wood decking.

## RECOMMENDED FOR

Teak Guard is recommended for external use Teak decking and Teak Furniture.

## FEATURES & BENEFITS

- **Water based, environmentally friendly**
- **UV-stable, UV protection**
- **Protection against greying**
- **Excellent appearance**
- **Salt resistant**
- **Water repellent.**
- **Easy to clean and to maintain.**
- **Excellent moisture regulation**
- **Stain resistant**
- **Economical, outstanding coverage rate**
- **permeable to vapour**

## SPECIFICATIONS

Supply form	Liquid
Colour	milky 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. We recommend sanding the surface, to remove all old coatings and oxidation but also to get the best possible appearance.

Please be aware that Teak Guard Marine 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 teak, and to achieve the best possible performance and appearance of the final result, following surface preparation should be used.

### Teak 2010 Cleaner

If chemical cleaning is required :

Pour onto the dry Teak deck and spread out with a brush or scrub pad. Please use the brush if the wood shows deep oxidation. Allow to react for 2-3 minutes, and then lightly scrub in the direction of the wood grain. Rinse with plenty of fresh water. Extremely dirty or grey wood may require a second application.

Rinse with plenty of fresh water.

For more detailed information please download the cleaning guides and the data sheet for Teak Guard 2010. If you use a 2 part acid base cleaner please make sure the surface is neutralized and rinsed with plenty of water.

## APPLICATION OF TEAK GUARD MARINE

The surface must be dry and dust free. **A primer is not required.** Shake container well, before pouring Teak Guard into a clean bucket.

Do not dilute. The characteristics of the product can be affected if mixed with other substances. Teak Guard Marine can be applied with a special application pad or paint brushes.

The use of a paint pad usually gives better results, is faster and more economical. A small paint brush can be used on fittings or on details where the pad is too wide.

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 Teak Guard Marine. Avoid Teak Guard 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.

Teak Guard can be reapplied like described before on any clean and dry surface and on top of Teak Guard coated wood.

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## TOOLS

Teak Guard application pad, Paint brushes, Airless sprayer. We do recommend not to use paint rollers.

## CURING

During application and drying, the temperature should not drop below +5°C/ 41°F. Dries within 1-2 hours under normal conditions (20°C/68°F, 50% relative humidity). The drying time varies with the temperature / humidity and surface conditions. The hydrophobic (water repellent) 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/m<sup>2</sup> for the first coat, depending on the absorbency and the condition of the substrate. and approx. 40- 80 ml ml/m<sup>2</sup> for the 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

Teak Guard 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® Teak Guard Marine is available in 2.5 litre container. Larger pack sizes are available.

## CARE AND MAINTENANCE

Here are some recommendations to keep the coated surface clean.

Dirt and salt build-ups should be removed on a regular base by using a hose, a wet cloth or a mob. 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 floor 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 mob and mild detergent or just plain fresh water.

Re-application should be done when during the hosing of the deck a penetration of water is visible. This is a sign that the top coat has been worn off. One coat of Teak Guard will refresh the water repellent effect. Sanding or chemical cleaner is not required at that stage.

## PRECAUTIONS

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

Lignol® Teak Guard Marine 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.teak-guard.com](http://www.teak-guard.com)

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