

## WOCA Exterior Wood Oil Emulsion (Water-Based)

### DESCRIPTION

**WOCA Exterior Oil Emulsion** is based on a mixture of vegetable oil components, which are particularly suitable for treatment of all exterior wood species untreated or previously oil treated irrespective of the type of wood used. **WOCA Exterior Oil Emulsion** is suitable for finishing wooden decks, fences, siding and furniture. The product contains agents, which provide UV protection and prevent fungus and green growth on oil treated wood surfaces and should for this reason not be used indoor.

### CHARACTERISTICS

Through the particular water based emulsion composition of the **WOCA Exterior Oil Emulsion**, a deep penetration of the oil into the wood is ensured. The oil dries and hardens when exposed to oxygen. Through the oxidation, the molecules of the oil expand inside the wood of up to 20%, binding themselves to the cell walls of the pore system. Through this deep impregnation of the wood, UV- protection is safeguarded. At the same time as the treated wood surface has the possibility of breathing in its natural environment. Through treatment with the oil, a silk-matt, hardwearing surface is produced which also protects against dirt and stains. The oil also enhances the natural structure of the wood. The oil is well suited for the maintenance of already oiled surfaces, which have been exposed to rain and sun. It builds-up the surface again and brings back the silk-matt finish in the upper layer of the pore system.

### COLORS

Natural, Gray and Teak

### TEMPERATURE

The application should be done during a dry period when the temperature is between **59° & 81°F**. Do not apply in full sun or high temperatures. The temperature of the wood should **not exceed 100°F**. Intense heat will shorten the open time, making a proper application impossible.

### APPLICATION

- 1 Clean new or old decking with **WOCA Wood Quick** prior to the oil treatment. Leave the wood to dry for 24 hours. Sand any rough wood fibers with 120 grit sandpaper.
- 2 Apply a minimum of 1 liter of **WOCA Exterior Oil** for +/- 125 square feet of wood (consumption depends on type of wood, state of surface and method). Work in zones that can be wiped and polished within 20 minutes.
- 3 Apply an even coat with a brush. Treat the end grain first. The oil is cream-colored when wet, but as the water evaporates, the wood will have an oiled look.
- 4 Remove excessive oil with lint-free cotton cloths within 20 minutes and polish by hand or with a buffer. Take care to remove oil from joints and groves. Do not leave any glossy spots.
- 5 The oil is pre-hardened in 4 hours and completely hardened within 36 hours at 64°. With certain types of wood, a 2nd application of oil may be necessary after the 4 hour pre-hardening period. If the surface does not appear saturated with oil, repeat steps 3 & 4. Please read the application instruction on the product label for more detail.

### **WARNING**

Oil saturated cloths, pads, and saw dust can spontaneously combust and must therefore be burnt, placed in water, or kept in a lid-sealed metal container.

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### MAINTENANCE

Apply a maintenance coat annually to insure long lasting protection.

### CLEANING

Use WOCA Wood Quick to insure the surface is clean before any oil application.

### TECHNICAL DATA

Declaration:	Highly weather resistant vegetable oil emulsion with fungicides.		
Consumption:	Approx. 100 to 150 sq ft / Liter	VOC Content:	70 grams / Liter
Specific Gravity:	0.91 gr./cm <sup>3</sup>	State of Substance:	Fluid
Solid Matter Content:	Approx. 50%	Flash Point:	> 176° F / 80° C
Storage:	Store in dry and frost-proof surroundings, out of the sun.	Shelf Life:	+/- 3 Years

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