

## W-DECK

**PRODUCT DESCRIPTION:** Protective coating for wood structures in general, permeating under the wood veins forming a flexible and impermeable film that follows the wood contraction and expansion movements, also performing excellent results when submitted to weathering. Its composition contains fungicidal agents with prolonged effect, avoiding proliferation on the surface. The film has a water-repellent action, preventing humidity from penetrating the wood, prolonging its resistance to adverse weather conditions. Product supplied ready to use, of easy application and maintenance, ensuring practicality and agility in the execution of the work.

**RECOMMENDED USES:** Recommended for indoor and outdoor wood applications such as: furniture, homes, doors, windows, frames, ceilings, decks and pergolas, providing a decorative coating of excellent performance, resistant to foot traffic and exposure to weather.

**CERTIFICATIONS AND APPROVAL:** This product, when supplied to comply with the RoHs Directive (Restriction of Certain Hazardous Substances) has the letter R in its description.

PACKAGING:	Component	Content	Package	Unit of measurement
	Monocomponent	3.6	3.6	L

CHARACTERISTICS:				
<b>Color:</b>	Amber			
<b>Gloss:</b>	Satin			
<b>Volume solid:</b>	42 ± 2% (ISO 3233).			
<b>Shelf-Life (25°C):</b>	24 months			
<b>Thickness per coat (dry):</b>	95 µm –100 µm			
<b>Theoretical coverage:</b>	11,84 m <sup>2</sup> /l without dilution in the thickness of 35 µm dry. Without considering loss factors in application.			
<b>Resistance to dry heat:</b>	Maximum temperature 90 °C . The product retains its physical and chemical properties up to the temperature of 90 °C however, variations in the coating color and gloss may occur from 60 °C (140°F).			
<b>Drying:</b>				
		<b>10 °C</b>	<b>25 °C</b>	<b>35 °C</b>
<b>Touch:</b>	4 hours	2 hours	1 hour	
<b>Handling:</b>	12 hours	10 hours	8 hours	
<b>Final:</b>	36 hours	24 hours	20 hours	
<b>Overcoating Drying:</b>				
		<b>10 °C</b>	<b>25 °C</b>	<b>35 °C</b>
Min	14 hours	12 hours	10 hours	
Max	36 hours	24 hours	20 hours	

**SURFACE PREPARATION**

The performance of this product is associated with the degree of surface preparation.

The surface to be painted should be dry and free of rust, dust, grease, oils or any other contaminant that could compromise the product performance.

**Wood Surface Treatment**

The product presents a translucent finish aspect, and imperfections or sanding marks may be visible after the painting.

We recommend applying two to three coats of W-DECK, respecting the repainting interval.

## Maintenance and repair

**NOTE:** Observe the product overcoating interval to apply the next coat. In case the maximum overcoating interval has been exceeded, it is necessary to manually/mechanically sand the surface to break the gloss of the previous coat and clean the sanding residues so as to provide better adhesion between the coats.

**For further information, consult WEG Technical Department.**

## PREPARATION FOR APPLICATION

### Mixture

Homogeneíze o conteúdo manualmente, assegurando-se que nenhum pigmento fique no fundo da embalagem.

### Diluent

**Not applicable**

### Dilution

Dilution is not recommended. Ready for use

### Pot life of the mixture (25°C)

Not relevant

## APPLICATION FORMS

**The data below is a guide, and similar equipment may be used.**

Before application, check if the equipment and its components are clean and in best condition.

### Brush:

Use a brush 75 to 100 mm wide for larger surfaces and 25 to 38 mm for touch up.

### Roller:

Use sheep's wool or synthetic wool rollers.

### Cleaning the equipment:

Not applicable

## NOTE:

For application with brush and/or roller, two or more passes may be necessary to obtain a uniform layer according to the recommended film thickness per coat. Clean all equipment immediately after use.

## PERFORMANCE IN THE APPLICATION

For a good performance of the product, we recommend following the directions below:

We recommend coating only if the surface temperature is at least 3°C (37,4°F) above the dew point temperature.

Light colors may require more than one coat for an even coverage.

Variations in color, aspect and gloss (more noticeable in dark colors) may occur, as well as delay in curing and low coating performance, when applied during periods of high air relative humidity, rainy days, low temperatures or drying the coating outdoor.

The temperature of the substrate, the weather and environmental conditions during the application and during the curing of the product, and the thickness of the coat may interfere in the product drying time.

For better application properties, the coating temperature should be between 21°C - 27 °C (69.8°F - 80.6 °F) prior to the mixing and application.

On newly painted surfaces in direct contact with water during the curing process, localized stains may occur with changes in their color (more visible in dark colors), delay in curing and compromised product performance.

In coatings with variation in application method in the same job, the final aspect and gloss of the painted surfaces may show differences.

**For further information, consult WEG Technical Department.**

## SAFETY PRECAUTIONS

Product developed for industrial use intended for handling by qualified professionals.

Please read carefully all the information contained in the MSDS of this product, available at: [www.weg.net](http://www.weg.net).

Store in a covered, well-ventilated area. Keep the container tightly closed and away from sources of heat or ignition.

Use only in well-ventilated areas avoiding the accumulation of flammable vapors. Keep the product away from heat and sources of ignition.

Do not inhale mists / vapors / aerosols generated during handling and / or application.

Wear protective gloves / protective clothing / eye protection / face protection.

Avoid release this product and its packaging, as well as materials used during handling and application in the environment.

## NOTE:

The information contained in this technical datasheet is based upon the experience and knowledge acquired in the field by the technical team of WEG.

If using the product without previous inquiry to WEG Coating concerning its suitability for the customer's intended purpose, the customer is aware that the use shall be its exclusive responsibility, WEG not being responsible for behavior, safety, suitability or durability of the product.

Some information contained in this datasheet are estimated, and can undergo variances arising from factors outside the manufacturer's control. Thus, WEG does not guarantee and does not assume any responsibility regarding the yield, performance or any other material or personal damage resulting from the incorrect use of the products concerned or the information contained in this Technical datasheet.

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