



W-DECK



**PRODUCT DESCRIPTION**

Protective coating for general wood structures, penetrating into the wood grain to form a flexible and waterproof film that follows the natural contraction and expansion movements of the wood, also delivering excellent performance under weathering. Its formulation contains long-lasting fungicidal agents that prevent surface growth. The formed film has water-repellent action, preventing moisture penetration into the wood, extending resistance to adverse climatic conditions. Supplied ready-to-use, easy to apply and maintain, ensuring practicality and efficiency in execution.

**RECOMMENDED USE**

Recommended for internal and external applications on wood, such as furniture, homes, doors, windows, frames, ceilings, decks, and pergolas, providing a decorative coating with excellent performance, resistant to foot traffic and weather exposure.

**CERTIFICATIONS AND APPROVALS**

When supplied to comply with the ROHS Directive (Restriction of Certain Hazardous Substances), this product includes the letter R in its nomenclature description.

**PACKAGING**

**Single Component** 3.6L Package containing 3.6L

**CHARACTERISTICS**

<b>Color</b>	Amber.
<b>Gloss</b>	Satin
<b>Volume Solids</b>	42 ± 2% (ISO 3233)
<b>Shelf Life</b>	24 months
<b>Dry Film Thickness</b>	95 µm - 100 µm
<b>Dry Heat Resistance</b>	Phenolic topcoat paint, two-component, with aluminum pigmentation, offering light reflectance and weather resistance.
<b>Theoretical Coverage</b>	4,42 m <sup>2</sup> /l without dilution at a dry film thickness of 95 µm. Loss factors during application are not considered.

**DRYING**

<b>Drying</b>	<table border="1"> <thead> <tr> <th></th> <th>10 °C</th> <th>25 °C</th> <th>35 °C</th> </tr> </thead> <tbody> <tr> <td><b>Touch</b></td> <td>4 hours</td> <td>2 hours</td> <td>1 hour</td> </tr> <tr> <td><b>Manipulation</b></td> <td>12 hours</td> <td>10 hours</td> <td>8 hours</td> </tr> <tr> <td><b>Final</b></td> <td>36 hours</td> <td>24 hours</td> <td>20 hours</td> </tr> </tbody> </table>				10 °C	25 °C	35 °C	<b>Touch</b>	4 hours	2 hours	1 hour	<b>Manipulation</b>	12 hours	10 hours	8 hours	<b>Final</b>	36 hours	24 hours	20 hours
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**SURFACE PREPARATION**

**Standard Surface Preparation**

The performance of this product is related to the degree of surface preparation. In case of doubts, for more information, consult WEG's Technical Department.

The surface to be painted must be clean, dry, and free of impurities such as rust, dust, soluble salts, grease, oils, or other contaminants that may compromise product performance.

**Maintenance and Repair**

NOTE: Respect the recoating interval for subsequent coat application. If exceeded, perform light manual/mechanical sanding to break the previous coat gloss, followed by dust and residue cleaning to ensure better adhesion between paint layers.

**Wood surfaces**

The product has a translucent finish; imperfections or sanding marks may be visible after painting. It



is recommended to apply two to three coats of W-DECK, respecting the repainting interval.

**APPLICATION PREPARATION**

<b>Mixing</b>	Homogenize the content manually, ensuring no pigment remains at the bottom of the container.
<b>Thinner</b>	Not applicable.
<b>Dilution</b>	Ready to use.
<b>Notes</b>	No dilution is required. Product ready to use. If necessary, consult the WEG Technical Department.
<b>Pot Life</b>	Not relevant.

**APPLICATION METHODS**

<b>Roller</b>	For application with brush and/or roller, it may be necessary to apply two or more coats to achieve a uniform layer and the recommended film thickness. Use wool or synthetic rollers.
<b>Brush</b>	For application with brush and/or roller, it may be necessary to apply two or more coats to achieve a uniform layer and the recommended film thickness. Use a brush 75 to 100 mm wide for larger surfaces and 25 to 38 mm for touch-ups.
<b>Cleaning of the equipments:</b>	Not applicable.
<b>Notes</b>	The data presented serves as a guide and similar equipment may be used. Before application, ensure that the equipment and respective components are clean and in optimal condition. Clean all equipment immediately after use.

**APPLICATION PERFORMANCE**

For optimal application properties, the paint temperature should be between 21°C and 27°C before mixing and application.

Painting is recommended only if surface temperature is at least 3°C above the dew point.

Substrate temperature, climatic and environmental conditions during application and curing, as well as applied film thickness, may affect drying time.

On freshly painted surfaces in direct contact with water during the curing process, localized staining with color change (more visible in darker colors), curing delay, and compromised product performance may occur.

Small variations in color, appearance, and gloss (more noticeable in dark colors), as well as delayed curing and performance compromise, may occur during high humidity, rainy days, cold locations, or when parts dry outdoors.

Homogenize the product before and during application.

Pay attention to the recoat interval between coats.

The warranty does not cover wood-related issues such as cracks, splits, or small fissures.

To ensure a durability of 6 years, the product must be applied directly onto the wood, with a thickness greater than 95 micrometers, which corresponds to 3 coats.

Apply 3 generous coats using a flat brush with soft bristles on all six sides of the wood, always following the grain direction, ensuring that the entire surface and edges are sealed (encapsulated), and that the wood is dry with a moisture content below 20%.

**SAFETY PRECAUTIONS**

Product developed for industrial use intended for handling by qualified professionals. Carefully read all information contained in the SDS of this product, available at: [www.weg.net](http://www.weg.net).  
Store in a covered and well-ventilated place. 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. Use protective gloves/protective clothing/eye protection/face protection.  
Empty containers and materials with paint residues must be disposed of according to current legislation. Take care of the environment.

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**NOTE**

The information contained in this technical bulletin is based on the experience and knowledge acquired in the field by WEG's technical team.  
In the event of using the product without prior consultation with WEG regarding its suitability for the purpose for which the customer intends to use it, the customer acknowledges that the use will be at their own exclusive responsibility, and WEG is not liable for the behavior, safety, suitability, or durability of the product.  
Some information mentioned in this bulletin is only an estimate and may vary due to factors beyond the manufacturer's control. Therefore, WEG does not guarantee and assumes no responsibility for performance, efficiency, or any material or personal damages resulting from the incorrect use of the products in question or from the information contained in this Technical Bulletin.  
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