

## W-LACK DF AL UF AZUL RAL 5002

**PRODUCT DESCRIPTION:** Primer/finish coat based on special synthetic resin. Very good resistance to weathering, preserving the color appearance for a long period of time.

**RECOMMENDED USES:** Used as primer and finishing with excellent adhesion and anti-corrosion protection on phosphatized or degreased carbon steel surfaces. Recommended for painting machinery, equipment, agricultural implements and metallic structures.

**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
	Component A	20 200	20 200	L

**CHARACTERISTICS:** Color: Blue

**Gloss:** Ultra matte  
**Volume solid:** 40 ± 5% (ISO 3233).  
**Shelf-Life:** 12 months at 25°C.  
**Thickness per coat (dry):** 30 µm –40 µm  
**Theoretical coverage:** 12,0 m<sup>2</sup>/l without dilution in the thickness of 35 µm dry. Without considering loss factors in application.  
**Resistance to dry heat:** Maximum temperature 120 °C . The product retains its physical and chemical properties up to the temperature of 120 °C . However, above variations in the coating color and gloss may occur.

Drying:	10°C	25°C	35°C
<b>Touch:</b>	-	30 minutes	-
<b>Handling:</b>	-	24 hours	-
<b>Final:</b>	-	72 hours	-

Overcoating Drying:	10°C	25°C	35°C
Min	-	12 hours	-
Max	-	24 hours	-

Obs OBS: Very thick coats, beyond what is specified, can cause delay in drying and failures in the film. If the maximum interval indicated for the application of the subsequent coat is exceeded, it is necessary to proceed with superficial sanding to obtain adherence between coats.

**SURFACE PREPARATION** The performance of this product is associated with the degree of surface preparation.  
 The surface must be clean, dry and free from contaminants. Completely remove oils, grease, soluble salts and other contaminants.

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

**PREPARATION FOR APPLICATION** **Mixture**  
 Homogeneize o conteúdo manualmente, assegurando-se que nenhum pigmento fique no fundo da embalagem.

**Diluent**  
Not applicable

**Dilution**  
No dilution required. Product ready for use.  
  
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.**

Changes in nozzle sizes and pressures may be necessary to improve spraying characteristics. Before application, check if the equipment and its components are clean and in best condition. Purge the compressed air line to prevent contamination of the coating.

After mixing two-component products, if there are stops in the application, and pot life is exceeded (the coating shows variation in fluidity) it can no longer be diluted for further application.

Recoat all sharp edges, cracks and weld beads with a brush to prevent premature failures in these areas.

### Conventional gun:

Gun:	JGA 502/3 Devilbiss or equivalent
Fluid nozzle:	FX
Air cap:	704
Dilution:	Ready for use

### Airless Gun:

Use Airless:	Use at least pump 60: 1
Fluid pressure:	2000 – 3000 psi
Nozzle:	0,015" - 0,021"

### Cleaning the equipment:

Not applicable

## NOTE:

Do not leave material in the hoses, spray guns and equipment used in the spraying. Thoroughly wash all equipment used.

Clean all equipment immediately after use.

## PERFORMANCE IN THE APPLICATION

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

In paintings carried out in front of the sea, if exposed to sea air, we recommend to wash with fresh water between coats eliminating settled impurities.

We recommend coating only if the surface temperature is at least 3 °C above the dew point temperature.

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 - 27 °C prior to the mixing and application.

It should not be applied under adverse conditions, such as air relative humidity (RH) above 85%, as changes in color and appearance may occur.

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.

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**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.

The information contained in this technical datasheet is subject to periodic modification, without prior notice, due to the policy of evolution and continuous improvement of our products and services, providing solutions with quality to satisfy our customers' requirements.