



# W-CRIL RTA 600 R BRANCO REFLETIVO

**PRODUCT DESCRIPTION:** Acrylic finish, bicomponent with quick drying.  
Items which comply with Directive Rohs have R in the product name.

**INTENDED USES:** Indicated for the painting of train wagons, containers or other equipment that need retro reflection.

**PACKAGING:**

<b>Component A</b>	W-CRIL ENG 033 – Gallon (3,6 L)
<b>Component B</b>	W-CRIL ENG 033 COMP. B- 14295404 (4,32 Kg)

<b>PRODUCT INFORMATION:</b>	<b>Color</b>	White		
	<b>Gloss/ Aspect</b>	Semi Matte	40 - 60 UB	
	<b>Volume Solids</b>	61 ± 3% (ISO 3233 - 1998)		
	<b>Shelf Life</b>	12 months at 25°C – Component A 12 months at 25°C – Component B		
	<b>Dry Film Thickness</b>	170 - 230 micrometers dry.		
	<b>Theoretical Coverage</b>	3,05 m <sup>2</sup> /liters in thickness of 200 micrometers dry. Without considering the loss factors in application.		
	<b>Resistance to Dry Heat</b>	Maximum Temperature 80°C. The product maintains its physical and chemical properties until the temperature of 80 °C, but, as of 60 °C, variances may occur in the color and gloss of the paint.		
	<b>Drying Information</b>			
		10°C	25°C	35°C
	<b>Touch</b>	1 hour	30 minutes	20 minutes
	<b>Handle</b>	14 hours	8 hours	6 hours
	<b>Final</b>	120 hours	72 hours	72 hours
	<b>Overcoating Data</b>	10°C	25°C	35°C
	Min.	10 hours	8 hours	6 hours
	Max.	24 hours	24 hours	24 hours

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**SURFACE PREPARATION**

The performance of this product is associated with the degree of surface preparation. Completely remove oil, grease and fat applying a degreasing product or as per cleaning method with solvent of standard SSPC SP1.

The accumulated dirt must be removed, using a dry brush and the soluble salts must be removed, washing with fresh water at high pressure.

The W-CRIL ENG 033 must be applied on a specific primer in order to compose a suitable painting system. For the correct application of the primer, consult its technical data sheet.

Respect the primer overcoating interval, before the application of the finish. If the overcoating interval is exceeded, perform sanding as described in the primer technical data sheet.

**Note:** If the maximum interval indicated for applying the subsequent coat is exceeded, it is necessary to proceed with mechanical or manual sanding using sandpaper to break the gloss. This procedure is necessary to obtain adherence between the layers.

**For further information contact the Technical Department of WEG (tintas@weg.net).**

**APPLICATION**

**Mixture**

Homogenize the contents of each one of the components by means of mechanical or pneumatic stirring (A and B). Ensure that no sediment is retained at the bottom of the packaging. Add component B to component A, in the proportions (volume) indicated, under stirring, until complete homogenization, respecting the mixture ratio.

**Mix Ratio**

1 liter Component A X 1,2 Kg Component B

**Thinner**

Recommended – **Diluent ALQ 1024**

**Thinning**

Depending on the application method, dilute at most **15% in volume**.

**Note:** the dilution can vary in accordance with the requirement of adjustment of viscosity for application.

Do not dilute with solvents which are not allowed by the local legislation or exceed the dilution percentage indicated.

Excessive dilution of the paint can affect the forming of the film, the aspect and make it difficult to obtain the thickness specified

**Induction Period (25°C)**

Induction not required.

**Note:** In places of great heat, we recommend contacting the Technical Department of WEG.



**APPLICATION METHODS**

The data below is a guide, similar equipment being able to be used.

Before application ensure that the equipment and respective components are clean and in the best condition.

**Airless spray gun:**  
Not recommended

**Conventional spray gun:**  
Not recommended.

**Wide Paintbrush:**  
Recommended.

**Roller:**  
Use sheep wool or synthetic wool rollers resistant to solvents.

**Note:** For application by wide paintbrush, it may be necessary to employ in two or more strokes in order to obtain a uniform layer in accordance with the film thickness recommended per coat.

**Equipment Cleaning:** Use Diluent ALQ 1024.

Wash all the equipment used completely.

**APPLICATION PERFORMANCE**

For a better performance of this product, please follow the orientations below:

Maintain the homogenization of the product during application to avoid sedimentation.

If application occurs in maritime areas, it is recommended to wash the coated surfaces with freshwater between each coating, to remove all loose powdery deposits and soluble salts.

Light colors may require more than one coat to obtain uniform coverage.

Surface temperature must always be a minimum of 3°C above dew point.

There may occur small variances of color, aspect and gloss of the parts applied in periods of high relative air humidity, rainy days, in places with low temperatures or in situations in which the parts are applied and placed to dry in external environments.

The temperature of the substratum and climatic and environmental conditions may interfere in the drying time of the product.

For a better application performance, both components must be between 21-27°C before mixing and painting.

It shall not be applied in adverse conditions, as relative air humidity (RH) above 85% or condensed surfaces, as the gloss and color may undergo small alterations.

In painting executed varying the method of applying paints in the same work, it may generate differences of gloss and in the final aspect of the painted pieces.

For further information contact the Technical Department of WEG ([tintas@weg.net](mailto:tintas@weg.net)).

**SYSTEM COMPATIBILITY AND MAINTENANCE RECOATING**

For further information contact the Technical Department of WEG ([tintas@weg.net](mailto:tintas@weg.net)).

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**SAFETY PRECAUTIONS**

**Before handling this product it is essential to read carefully all the information contained in the chemical product safety information sheet (MSDS), available at our site ([www.weg.net](http://www.weg.net)).**

The preparation of the surface, handling and use of paints during the painting and drying, as it concerns inflammable products, must be performed in ventilated places, far from flames, sparks or excessive heat, using appropriate personal protection equipment (PPE) for the stage to be executed.

Contact with the skin can cause irritation.

If swallowed, do not induce vomiting. In the case of contact with the eyes, wash them abundantly with water. In either case, seek medical aid immediately.

Do not smoke in the work area.

Ensure that the electrical installations are perfect and do not cause sparks.

Do not use diluent to clean the skin, hands and other parts of the body. To clean the hands use alcohol, and then wash with water and appropriate cleaning pastes.

If there is a fire, use CO2 or chemical powder extinguishers. It is not recommended to use water to extinguish the fire produced by burning paint.

Paints and diluents must be stored in ventilated places protected from bad weather. The temperature can oscillate between 10 and 40°C.

If symptoms of intoxication by inhaling chemical vapors occur, the intoxicated person must be removed immediately from the work place to ventilated places.

If fainting, call a doctor immediately.

Product intended for use and handling of professionals linked to the painting area.

This product shall be applied and used, in compliance with all the National Health, Safety and Environment standards and regulations.

If it is necessary to remove the paint already applied and hardened from the substratum, the operator and the people who are in the same environment shall use appropriate personal protection equipment (PPE), as indicated in the safety information sheet (MSDS).

In situations where it is necessary to execute processes of welding metallic parts painted with this product, powder and gases will be released (smoke) which will require the use of appropriate personal protection equipment (masks with activated charcoal filters and even remote air supply equipment) in accordance with each environment.

The applications in confined areas require suitable ventilation, besides specific methods and procedures. For these situations contact the safety area of your company.

**For further information contact the Technical Department of WEG ([tintas@weg.net](mailto:tintas@weg.net)).**

**NOTE**

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

If using the product without prior inquiry to WEG 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 the behavior, safety, suitability or durability of the product.

Certain information contained in this bulletin is merely an estimate, 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 Bulletin.

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