

W-CRIL RTA 600 R BRANCO REFLETIVO

PRODUCT DESCRIPTION: Acrylic finish, two-component quick-drying.

RECOMMENDED USES: Coating to paint wagons, containers or other equipment that need retroreflection.

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	3,6	3,6	L
	Component B	4,35 kg	5	kg

CHARACTERISTICS: **Color:** White

Gloss: Semi matte

Volume solid: 61 ± 2% (ISO 3233).

Expiry Date: 12 months at 25 ° C - Component A

12 months at 25 ° C - Component B

Thickness per coat (dry): 170 µm –230 µm

Theoretical coverage: 3,05 m²/l without dilution in the thickness of 200 µm dry. Without considering the loss factors in the application.

Resistance to dry heat: Maximum temperature 80 °C . The product retains its physical and chemical properties up to the temperature of 80 °C however, variations in the coating color and gloss may occur from 60 °C.

Drying:

	10°C	25°C	35°C
Touch:	1 hour	30 minutes	20 minutes
Handling:	14 hours	8 hours	6 hours
Final:	120 hours	72 hours	72 hours

Repainting Drying:

	10°C	25°C	35°C
Min	10 hours	8 hours	6 hours
Max	24 hours	24 hours	24 hours

SURFACE PREPARATION The performance of this product is related to the degree of surface preparation.

The accumulated dirt must be removed using a dry brush, clean and dry cloth, compressed air blow, vacuum cleaner and/or with the combination of such items, and the soluble salts must be removed through wash with a great quantity of fresh water, preferably with low pressure (up to 5,000 psi) according to SSPC-SP 12/NACE No. 5.

Application over primer

The product can be directly applied to a specific primer in order to form a suitable coating system.

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

Homogenize the contents of each component by means of mechanical or pneumatic stirring (A and B). Ensure that no sediment is settled at the bottom of the package. Add component B to component A, at the

recommended proportion (volume), under stirring, until complete homogenization, observing the mixing ratio.

Mixing ratio

1 L of component A x 1,2 Kg of component B

Diluent

Alkydic diluent 1024

Dilution

Depending on the application method, dilute at most Dilute if necessary

Do not dilute with solvents that are not allowed by local legislation and do not exceed the recommended dilution percentage.

Excessive dilution of the coating may affect the formation of the film and appearance and hinder the attainment of the specified thickness.

Pot life of the mixture (25°C)

Not relevant

In hot areas, we recommend consulting WEG Technical Department.

APPLICATION FORMS

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

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Brush:

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

Roller:

Use a thin nap, seamless sheepskin or microfiber roller for epoxy coatings. For application with brush, application in two or more passes may be necessary to obtain a uniform layer according to

Cleaning the equipment:

Alkydic diluent 1024

NOTE:

Clean all equipment immediately after use.

PERFORMANCE IN THE APPLICATION

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

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

We recommend coating only if the measured surface temperature is at least 3 °C above the dew point temperature. Do not apply at steel temperatures below 10 °C.

Minor variations in color, appearance and gloss (more noticeable in dark colors) may occur, as well as delay in curing and impairment of surface performance, when applied during periods of high air relative humidity, rainy days, low temperatures or in case the coated parts are put to dry outdoors.

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.

In coatings with variation in the application method in the same job, the final appearance and gloss of the painted surfaces may present 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.

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 of the 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 prior 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 the behavior, safety, suitability or durability of the product.

Certain information contained in this datasheet 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 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.