

W-LACK PRIMER NC R

PRODUCT DESCRIPTION: Fast-drying Nitro synthetic primer with anti-corrosion pigmentation.

RECOMMENDED USES: Developed for the foundry segment.

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.

It complies with AGCO – EMA standard 000 Rev. 11.

PACKAGING:	Component	Content	Package	Unit of measurement
	Monocomponent	3,6 20	3,6 20	L

CHARACTERISTICS: Color: Green, Red

Gloss: Ultra matte < 10 UB

Volume solid: 25 ± 5% (ISO 3233).

Shelf-Life: 6 months.

Thickness per coat (dry): 20 µm – 30 µm

Theoretical coverage: 9 m²/l without dilution in the thickness of 30 µm dry. Without considering loss factors in application.

Resistance to dry heat: Maximum temperature 80 °C Organic coatings can undergo alterations of color, gloss and adherence when exposed to temperatures exceeding 80 °C

Drying:

25°C (77°F)

Touch: 30 minutes

Handling: 1 hour

Final: 168 hours

SURFACE PREPARATION

Surface treatment through Abrasive Blasting process

For immersion services, we recommend paint on surfaces that are blasted to Sa 2 ½ or SSPC-SP10. Visual Standard ISO 8501-1.

For further information, consult WEG Technical Department.

PREPARATION FOR APPLICATION

Mixture

Homogenize the contents of the package by means of mechanical or pneumatic agitation. Ensure that no sediment is settled at the bottom of the package.

Diluent

Diluent 1001

Dilution

Depending on the application method, dilute at most. 25%

The quantity of diluent may vary depending on the type of equipment used and the ambient conditions during the application.

Pot life of the mixture (25°C) (77°F)

Not relevant

APPLICATION FORMS

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

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 DevilBiss or equivalent
Fluid nozzle:	FX
Air cap:	704
Dilution:	25%

Immersion:

Consult the technical support for immersion.

Cleaning the equipment:

Diluent 1001
Do not leave material in the hoses, spray guns and equipment used in the spraying. Thoroughly wash all equipment used.

NOTE:

PERFORMANCE IN THE APPLICATION

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

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

Product not recommended for painting the interior of tanks

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.

Do not apply the product after the pot life has expired.

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

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

Material can be accelerated curing in an oven for 20 minutes at 80°C.

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 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.

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.