

W-LACK CVP 12

PRODUCT DESCRIPTION: High-performance phenolated alkyd resin-based primer with regular drying. It has zinc chromate corrosion inhibiting pigments.

RECOMMENDED USES: Used as primer to protect carbon steel in machinery, equipment and metal structures exposed to normal environments.

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
	Monocomponent	20	20	L

CHARACTERISTICS:

Color: Gray, Beige, Green, Red oxide, Black

Gloss: Semi matte 30 – 60 UB CVP 123
Ultra matte 0 – 15 UB CVP 125

Volume solid: 47 ± 5% (ISO 3233).

Expiry Date: 12 months.

Thickness per coat (dry): 30 µm – 40 µm

Theoretical coverage: 13,4 m²/l without dilution in the thickness of 35 µm dry. Without considering the loss factors in the application.

Resistance to dry heat: Maximum temperature 60 °C Organic coatings can undergo alterations of color, gloss and adherence when exposed to temperatures exceeding 60 °C

Drying:

25°C

Touch: 2 hours

Handling: 24 hours

Final: 72 hours

Repainting Drying:

25°C

Min 5 hours

Max 24 hours

Obs If the maximum interval indicated for applying the subsequent coat is exceeded, it is necessary to proceed with superficial sanding. This procedure is necessary to obtain adhesion between the coats.

SURFACE PREPARATION The surface to be painted should be dry and free of rust, dust, grease, oils or any other contaminant that could compromise the product performance.

Surface treatment through Abrasive Blasting process
Abrasive treatment or phosphating as needed.

For further information, consult WEG Technical Department.

PREPARATION FOR APPLICATION

Mixture
Homogeneíze o conteúdo manualmente, assegurando-se que nenhum pigmento fique no fundo da embalagem.

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)

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 the spraying characteristics.

Before the application, make sure the equipment and its components are clean and in the best condition.

Purge the compressed air line to prevent contamination of the coating.

After mixing the 2-pack products, if there are stops in the application, and the pot life is exceeded (the coating presents variation in its fluidity), it can no longer be diluted for further application.

Reinforce 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%
Fluid pressure:	1200 – 2200 psi
Hose:	¼" internal diameter
Nozzle:	0,013" - 0,017"

Brush:

Only recommended for retouching small areas or stripe coat (screws, nuts, weld beads, sharp edges and retouching). Use a brush 75 to 100 mm wide for larger surfaces and 25 to 38 mm for retouching.

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Roller:

Use a thin nap, seamless sheepskin or microfiber roller for epoxy coatings.

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 executed on the seafloor, if exposed to the action of sea air, we recommend to wash with fresh water between coats eliminating the settled impurities.

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

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

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.

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 applied film may interfere with the product drying time.

For better application properties, the coating temperature should be between 21 - 27 °C prior to the mixing and application.

TECHNICAL DATA SHEET



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

Polyurethane systems (component A and B) present sensitivity when exposed to air relative humidity, which can cause flaws in the dry film and reduction of pot life. Therefore, we recommend that the packages of each component be properly closed after use and kept in dry places protected from bad weather.

On newly painted surfaces in direct contact with water during the curing process, localized stains may occur with changes in their color (more visible in dark colors), delay in curing and compromised product performance.

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.

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