

W-LACK DF BR

PRODUCT DESCRIPTION:	High-performance, fast-drying alkyd resin-based primer and finish with inhibitor pigmentation.		
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
	Monocomponent	20	20
			Unit of measurement
			L
CHARACTERISTICS:	Color:	Yellow 5Y 8/12, Red RAL 3013 and Black RAL 9004	
	Gloss:	Gloss >80 UB	
	Volume solid:	43 ± 5% (ISO 3233).	

Shelf-Life (25°C):	12 months		
Thickness per coat (dry):	30 µm –40 µm		
Theoretical coverage:	12,6 m ² /l without dilution in the thickness of 35 µm dry. Without considering loss factors in application.		
Resistance to dry heat:	Maximum temperature 60 °C . The product retains its physical and chemical properties up to the temperature of 60 °C		
Drying:			
	10 °C	25 °C	35 °C
Touch:	-	30 minutes	-
Handling:	-	24 hours	-
Final:	-	72 hours	-
Overcoating Drying:			
	10 °C	25 °C	35 °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 performance of this product is associated with the degree of surface preparation. The surface must be clean and free of any contaminants. Completely remove oils, greases and fats, as described in the SSPC-SP 1 standard. Accumulated dirt must be removed using a dry brush and soluble salts must be removed by washing with high pressure fresh water.
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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.
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Diluent
Alkydic diluent 1024

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 and aspect of the film and not allow to reach the specified thickness.

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.

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:	EX
Air cap:	704
Atomization pressure:	60 - 65 psi
Pressure in the tank:	10 - 20 psi
Dilution:	Ready for use

Airless Gun:

Use Airless:	Use at least pump 60: 1
Fluid pressure:	1500 - 2500 psi
Hose:	¼" internal diameter
Nozzle:	0,013" - 0,017"
Dilution:	Max. 25%

Brush:

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

Roller:

Not recommended.

Cleaning the equipment:

Alkydic diluent 1024

NOTE:

For application with brush and/or roller, two or more passes may be necessary to obtain a uniform layer according to the recommended film thickness per coat. Do not leave material in the hoses, spray guns and equipment used in the spraying. Thoroughly wash all equipment used.

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.

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

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.

For better application properties, the coating temperature should be between 21°C - 27 °C (69.8°F - 80.6 °F) prior to the mixing and application.

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.

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.

For further information, consult WEG Technical Department.

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.



SAFETY PRECAUTIONS

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.