

W-LACK IMD 152

PRODUCT DESCRIPTION: Alkyd primer/finishing, quick drying for application by immersion.

INTENDED USES: Indicated for painting of doors and Windows, metallic structures and wheelbarrow.

PACKAGING: W-LACK IMD 152 – Drum (200L)
W-LACK IMD 152 – Bucket (20 L)
W-LACK IMD 152 – Gallon (3,6L)

PRODUCT INFORMATION:	Colors	Ral, Munsell or as per customer standard.		
	Gloss / Aspect	IMD 151 - Gloss	> 80 UB	
		IMD 152 - Semi Gloss	60 - 80UB	
		IMD 153 - Semi Matte	30 - 60UB	
		IMD 154 - Matte	15 - 30UB	
		IMD 155 - Ultra Matt	0 - 15UB	
	Volume Solids	45 ± 5% (Depending on the color)		
	Shelf Life	12 months at 25°C		
	Dry Film Thickness	25 – 35 micrometers dry.		
	Theoretical Coverage	15,00m ² /liters in thickness of 30 micrometers dry. Without considering the loss factors in application.		
	Drying Information			
		10°C	25°C	35°C
	Touch	1 hour	30 minutes	15 minutes
	Handling	30 hours	24 hours	16 hours
	Final	168 hours	168 hours	168 hours

Obs: This product allows repainting with powder coating, provided that it receives a pre-cure of 10 minutes at 200°C.

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.

For new work, it is necessary to grind weld beads and remove weld drops, damaged areas, sharp edges and corners.

It can be applied on a degreased or phosphatized carbon steel surface.

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

APPLICATION**Thinning**

Recommended - Diluent Alq 1042

Thinner

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

Only add the Diluent after completing the mixture of components A + B.

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.

APPLICATION METHODS

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

Changes in the pressures and sizes of the nozzles may be required to improve the spraying features.

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

Empty the compressed air line to avoid contamination of the paint.

Reinforce all the sharp edges, cracks and weld beads with the wide paintbrush, to avoid premature flaws in these areas. When applying by spraying, make an overlap of 50% of each spray gun application, to avoid having uncovered and unprotected areas, ending with a cross transfer.

Airless spray gun:

Not recommended.

Conventional spray gun:

Model.....JGA – 502

Air Cover.....704

Fluid Nozzle.....FX

Dilution..... Max. 15%

Roller:

It is only recommended for finishing touches of small areas.

Immersion:

Tanks properly prepared for the application of paints by immersion with continuous agitation.

Wide Paintbrush:

Not recommended.

Cleaning of equipment: Use Diluent Alq 1042.

Wash all the equipment used completely.

APPLICATION PERFORMANCE

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

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.

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

Not recommended for internal painting of tanks.

In painting executed on the coast, if exposed to the action of salty air, we recommend washing with fresh water between coats eliminating the impurities deposited.

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

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 better application properties, the paint temperature shall be between 21-27°C, before mixing and application.

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. They must not be applied on condensed surfaces.

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

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

SYSTEM COMPATIBILITY AND MAINTENANCE RECOATING

The primer repainting interval must be respected for finishing application. If the indicated interval is exceeded, it is necessary to carry out manual/mechanical sanding using a sandpaper to reduce gloss. The primer surface should be dry and free of contaminants.

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

**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).

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).

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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