



PRIMER SINTÉTICO SERRALHEIRO

PRODUCT DESCRIPTION: Alkyd resin based economic primer, with pigmentation inhibiting inert corrosion. Fast drying.
Items which comply with Directive Rohs have the description R in the product name.

INTENDED USES: Used as primer to protect carbon steel in machines, equipment and metallic structures exposed in normal environment.

PACKAGING: PRIMER SINTÉTICO SERRALHEIRO – Bucket (20 L)
PRIMER SINTÉTICO SERRALHEIRO – Gallon (3,6 L)
PRIMER SINTÉTICO SERRALHEIRO – Drum (200 L)

CARACTERÍSTICAS:			
Colors	Grey and Red Oxide		
Gloss/ Aspect	Ultra-Mate	0 – 15 UB	
Volume Solids	35 ± 5% (ISO 3233 - 1998)		
Shelf Life	12 months at 25°C		
Dry Film Thickness	30 - 40 micrometers dry.		
Theoretical Coverage	10,0 m ² / liter in thickness of 35 micrometers dry and without dilution. Without considering the loss factors in 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 Information			
Temperature 25°C	Touch	Handle	Final
	30 minutes	5 hours	72 hours
Repainting Drying	Min	Max	
	5 hours	24 hours	

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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.

Desengraxe com solventes

A superfície deverá estar limpa, seca e isenta de contaminantes. Remover completamente óleos, gorduras, sais solúveis e outros contaminantes conforme o método de limpeza com solventes SSPC SP1. Lavar com água doce em alta pressão.

Nota: Se for ultrapassado o intervalo máximo indicado para aplicação da demão subsequente do acabamento, se faz necessário proceder lixamento manual utilizando lixa para quebra do brilho. Este procedimento se faz necessário para obter aderência entre as camadas.

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

APPLICATION

Mixing
Homogenize the contents of each one of the components by means of mechanical or pneumatic stirring. Ensure that no sediment is retained at the bottom of the packaging.

Thinner
Recommended - **Diluent Alkyd 1024**

Thinning
Depending upon the application method, **dilute at most 40% in volume.**

Note: the dilution may vary according to the need to adjust the viscosity for the application.
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.

After mixing the bicomponent products, if stoppages occur in application, and they exceed the useful life of the mixture (where the paint has variance in its fluidity), it can no longer be diluted again for later application.

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.

Pistola airless :
Não recomendado.

Pistola convencional :
Pistola JGA 502/3 Devilbiss
Bico de fluido EX
Capa de ar 704
Pressão de atomização 60 a 65 psi
Pressão no tanque 10 a 20 psi
Diluição Max. 40%

Trincha:
Recomendado somente para retoques de pequenas áreas ou “strip coat” (parafusos, porcas, cordões de solda, cantos vivos e retoques). Utilizar trincha com 75 a 100mm de largura para superfícies maiores.

Roller:
Not recommended.

Nota: Para aplicação por trincha poderá ser necessário aplicar em dois ou mais passes para se obter uma camada uniforme e de acordo com a espessura de película recomendada por demão.

Cleaning of equipment: Use Diluent Alkyd 1024.
Wash all the equipment used completely.



APPLICATION PERFORMANCE

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

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. It must not be applied on condensed surfaces.

In paintings made by varying the method of applying paints to the same work, differences in brightness and final appearance of the painted parts may be generated.

Due to the technical characteristics of the product, we inform you that it does not always follow a reference pattern and, therefore, may present scratches, variations in color tone, drying, presence of bubbles during repainting of the finishing paint and difference in appearance between sequential batches.

The degree of adherence can vary between batches, in the grid cut, according to NBR 11003. It is also allowed the separation of phases and variations in viscosity.

Technical Quality Claims involving the characteristics described above will be considered unfounded and without indemnity coverage.

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

SYSTEM COMPATIBILITY AND MAINTENANCE RECOATING

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.

The information contained in this technical bulletin 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.

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