



# W-MARINE PLUS 1200

**PRODUCT DESCRIPTION:** Single component antifouling paint of high power, free of tin. It uses latest generation biocides.

**INTENDED USES:** Product especially developed for painting new work, maintenance and repair of leisure boats, whether of low or high activity.

**PACKAGING:** W-MARINE PLUS 1200 – Bucket (20 L)  
 W-MARINE PLUS 1200 – Gallon (3.6 L)  
 W-MARINE PLUS 1200 – Can (0.9 L)

**PRODUCT INFORMATION:**

<b>Colors</b>	Red, Blue, Black, Green and White
<b>Gloss</b>	Matte
<b>Volume Solids</b>	50 ± 2% (ISO 3233 - 1998)
<b>Shelf Life</b>	12 months at 25°C
<b>Dry Film Thickness</b>	100 micrometers dry
<b>Theoretical Coverage</b>	5.0 m <sup>2</sup> /liter in thickness of 100 micrometers dry. Without considering the loss factors in application.

**Drying Information**

	10°C	25°C	35°C
<b>Touch Before Flooding</b>	5 hours	4 hours	2 hours
	20 hours	12 hours	12 hours
<b>Overcoating Data</b>	10°C	25°C	35°C
	<b>Min.</b>	6 hours	4 hours
	<b>Max.</b>	15 days	10 days



**SURFACE PREPARATION**

The performance of this product is associated with the degree of surface preparation. Completely remove oil, grease and fat. Wash with fresh water at high pressure.

The accumulated dirt must be removed, using a dry brush and the soluble salts must be removed, washing with fresh water at high pressure.

The first coat of this product must always be applied on an anticorrosive schema recommended by WEG. The surface shall be clean, dry and free of contaminants. Completely remove oil, fat, soluble salts and other contaminants as per the method of cleaning with solvent as per SSPC-SP1. Wash with fresh water at high pressure.

When exposed to long periods of service, the product may have a leached layer. This layer must be removed before starting the application, by means of washing with fresh water under high pressure above 3000 psi. It is important that this removal is done as soon as the boat is removed from the water, thereby avoiding the hardening of the leached layer.

**New works**

The product W-MARINE PLUS 1200 must be applied on the primer and specific sealer in order to compose an appropriate painting system. For the correct application of the primer/ sealer see the technical bulletin. The product W-MARINE PLUS 1200 must be applied within the repainting interval as specified in the technical bulletin.

**Repairs**

Degrease as per SSPC-SP1. Wash with fresh water with high pressure (3000 p.s.i.) to remove slime, salinity and incrustation. Prepare the damaged areas and redo the anticorrosive schema recommended.

**Note:** If the maximum interval indicated for application of the subsequent coat is exceeded, it is necessary to proceed with manual / mechanical sanding using sandpaper to break the gloss. This procedure is necessary to obtain adherence between the layers.

**For further information contact the Technical Department of WEG ([tintas@weg.net](mailto:tintas@weg.net)).**

**APPLICATION**

**Mixing**

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

**Thinner**

Recommended - Antifouling Diluent

**Thinning**

Depending upon the application method, dilute at most 5% in volume.

Only add the Diluent after completing the mixing 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 alter 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:**

- Use Airless ..... 60:1
- Fluid pressure..... 2500 psi
- Hose ..... 3/8" Internal diameter
- Nozzle ..... 0.021" to 0.027"
- Filter ..... -
- Dilution..... Max. 5 %

**Conventional Spray Gun**

No recommended.

**Wide Paintbrush:**

It is only recommended for finishing touches of small areas or "strip coat" (bolts, nuts, weld bead, sharp edges and finishing touches).

**Roller:**

It is only recommended for finishing touches of small areas or "strip coat" (bolts, nuts, weld bead, sharp edges and finishing touches).

**Equipment Cleaning:** Use Antifouling Diluent.

**Note:** Do not let the catalyzed product remain in contact with the hoses, spray guns and equipment used in the application, after the useful life time of the mixture has elapsed.



**APPLICATION PERFORMANCE**

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

For application by wide paintbrush or roller, it may be necessary to apply in two or more strokes to obtain a uniform layer and in accordance with the film thickness recommended per coat.

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.

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.

The surface shall always be coated by appropriate primer and/or sealer. Contact WEG about the best primer or sealer to be used.

The product W-MARINE PLUS 1200 must be applied within the repainting interval as specified in the technical bulletin.

Contact WEG (WEG) about the repainting procedures of W-MARINE PLUS 1200 on other antifouling products before starting any painting work.

**PERIODS WITHOUT APPLICATION:**

Completely wash all the material and equipment with Diluent indicate for W-MARINE PLUS 1200. Maintain all the paint not used kept in well-sealed containers. All the material kept in partially full containers can have skin or some type of alteration as increased viscosity after long periods of storage. In these cases, we recommend filtering the product before applying it.

**LIMITATIONS:**

The end thickness recommended is 300 micrometers dry in 3 coats. The product performance expectation depends upon the film thickness specified having been attained, being able to vary related to the type of water to be navigated as well as the daily service of the boat.

The wear rate depends upon the temperature of the water, the speed of the boat, the operating regions, among other factors.

15 days after the product has been applied without undergoing flooding, the performance can be affected. The information about repainting is provided mainly as a guideline and it is subject to regional climatic variances.

The results of the performance tests were obtained in a laboratory under controlled conditions and WEG (WEG) does not guarantee that the result of the tests mentioned herein, or any other tests, represent exactly the results of all the environments found in the field as excessively polluted waters, rivers, etc. As the environmental factors can vary significantly, due care must be taken in selecting and checking performance required and use of this paint.

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

**SYSTEM COMPATIBILITY AND MAINTENANCE RECOATING**

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

COPY FOR INFORMATION



**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, at the electronic address indicated at the end of this technical bulletin.**

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.

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**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 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 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.