



W-FROTA PU F551

PRODUCT DESCRIPTION: Polyurethane finishing paint, developed in diverse colors with excellent gloss aspect, spreading, quick drying and great resistance to weathering.

INTENDED USES: Product developed for paint of machines and equipments.

PACKAGING:	Component A	W-FROTA PU F551 – Bucket (16,67L)
	Component A	CATALYSER - (3,33L)
	Component A	W-FROTA PU F551 - Gallon (3,00L)
	Component B	CATALYZER W-FROTA 5520 (0,600ml)

PRODUCT INFORMATION:	Color	Diverse
	Gloss/ Aspect	90 UB 60°
	Viscosity at 25°C	60 – 65 KU
	Specific Weight (g/cm³)	1,12 – 1,20
	Volume Solids (%)	40 - 50
	Thickness µm	40 – 50 µm
	Adherence	GR 0
	Shelf Life	12 months

Drying Information

	25°C
Touch	20 min
Handle	4 hours
Final	168 hours

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SURFACE PREPARATION

The performance of this product is associated with the degree of surface. Completely remove oil, grease and fat applying a degreasing product according to the cleaning method with the solvent of SSPC SP1 standard.

Must remove the accumulated dirt using a dry brush and the soluble salts, washing with fresh water at high pressure.

The W-FROTA PU F551 must be applied over a specific primer in order to compose a suitable painting system. For the correct application of the primer, consult its technical data sheet.

Overcoat of Surfaces in Good Condition

We recommend to test the W-FROTA PU F551 over the previous paint in a small area to verify the compatibility. It must be guaranteed that the original material is well adhered. All the not adhered paint must be removed. The corrosion points over old paints must be treated according to technical guidance.

Note: If the maximum interval indicated for applying 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).

APPLICATION

Catalyzer
Catalyzer W-FROTA 5520 COMP B

Mix Ratio
5A X 1B in volume

Thinner
Diluent ALQ 1024 (10 – 20 %)

Application Viscosity F4
18 – 22 s

Application Method
Conventional spray gun

Flow
300 – 400 mL/minute

Pot Life
4 hours at 25°C

Excessive dilution of the paint can affect the forming of the film, the aspect and make it difficult to obtain the thickness specified.

Note: In places of great heat, we recommend contacting the Technical Department of WEG.

RECOMMENDATIONS

The product shall be stored in a cool place with the temperature range between 5 and 35 °C, away from ignition points.

The package must be closed after its partial use.

The application tank must be kept closed after its use.

Use the product in a well-ventilated area.

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**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.

To clean hands use alcohol, and then wash with water and a cleaning paste. Use skin restorative skin cream.

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. Use water in form of mist, except in energized equipment.

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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