TECHNICAL DATA SHEET

W-POXI MULTIUSE

PRODUCT DESCRIPTION

Epoxy topcoat paint for metallic structures and floors. Product for resale distribution only.

RECOMMENDED USE

Recommended for painting new machinery and equipment or maintenance services subject to medium aggressiveness environments, such as petrochemical, pulp, and paper industries, among others. Product intended for covered environments. Suitable for light traffic (pedestrians).

CERTIFICATIONS AND APPROVALS

When supplied to comply with the ROHS Directive (Restriction of Certain Hazardous Substances), this product includes the letter R in its nomenclature description.

PACKAGING

Component A	0.95 US gal Package containing 0.76 US gal
Component B	0.24 US gal Package containing 0.19 US gal

CHARACTERISTICS

Color	According to customer standard. RAL and Munsell chart.
Gloss	Gloss
VOC content	5.0 (lb/gal). Note: The average of VOC on the line can vary depending on the color.
Volume Solids	45 ± 5% (ISO 3233)
Dry Film Thickness	0.8 mils - 1.6 mils
Theoretical Coverage	611.3 ft²/gal without dilution at a dry film thickness of 1.2 mils. Loss factors during application are not considered.

DRYING

Drying

	50 °F	77 °F	95 °F
Touch	2 hours	1 hour	30 min
Manipulation	10 hours	4 hours	3 hours
Final	240 hours	168 hours	120 hours

Recoat Drying

	50 °F	77 °F	95 °F
Minimum	10 hours	4 hours	3 hours
Maximum	36 hours	24 hours	16 hours

SURFACE PREPARATION

Standard Surface Preparation

The performance of this product is related to the degree of surface preparation. In case of doubts, for more information, consult WEG's Technical Department.

The surface must be clean, dry, and free of contaminants. Completely remove oils, greases, and fats according to SSPC-SP1.

It is essential to sand the part before applying the body filler to obtain the adhesion of the product to the part.

Concrete Surfaces

No coating or paint should be applied until the concrete (or cement-sand screed) is fully dry and cured for at least 28 days under normal climatic conditions.

No coating or paint should be applied on concrete or cement-sand screed with curing accelerator unless representative tests indicate satisfactory adhesion of the paint system.

Reviewed on April 02th, 2026

This product must be applied over a recommended sealer or primer for concrete surfaces to compose an appropriate painting system. For correct application of the sealer/primer, consult its technical bulletin.

Coatings should not be applied over floors contaminated with oils or aggressive products. The floor must be effectively cleaned. Applying over residues of these contaminants may cause coating detachment and other failures.

Respect the recoat interval between sealer or primer coats for applying the product. If the recoat time is exceeded, sand as described in the sealer or primer technical bulletin.

Coating on old concrete only upon recommendation from WEG Technical Department.

Product application must follow guidance from our technical department to achieve the expected performance. Factors such as surface condition, roughness, contaminant level, and other specifics are essential for proper surface preparation.

The performance of this product is associated with surface preparation. The surface must be clean, solid, free of any contaminants, fully dry, and have sufficient roughness to allow adhesion of the applied protection system.

Over Primer

The product must be applied over a specific primer. The primer must be clean, dry, and free of contaminants. The topcoat must be applied within the primer recoat interval. Consult the primer technical bulletin for correct application.

Respect the primer recoat interval before applying the product. If exceeded, perform sanding according to the technical bulletin. Painting over primer with exceeded interval may have adhesion lower than specified by Petrobras N2913 and ASTM D4541.

APPLICATION PREPARATION

Mixing	Homogenize the content of the container using mechanical or pneumatic stirring. Ensure no sediment remains at the bottom of the container.
Mixing Ratio	By volume: 4 A x 1 B.
Thinner	EPOXY DILUENT 3005
Dilution	Depending on the application method, dilute to a maximum of 10%.
Pot Life	4 h The shelf life of the mixture is reduced as the ambient temperature increases. The pot-life test of the mixture is carried out according to ABNT NBR 15742; however, different volumes of paint prepared at once, combined with varying ambient and paint temperatures, will affect the mixture's shelf life, potentially resulting in outcomes different from those stated in this technical bulletin.

APPLICATION METHODS

Conventional Spray Gun	Spray gun: JGA 502/3 Devilbiss or equivalent Fluid nozzle: EX Air cap: 704 Atomization pressure: 60 - 65 psi Tank pressure: 10 - 20 psi.
Airless Spray Gun	Airless: Use minimum pump 60:1 Fluid pressure: 1500 - 2500 psi Hose: 1/4" inner diameter Nozzle: 0.015" - 0.021".
Roller	Use a short-haired, seamless wool or synthetic roller for epoxy paints.
Cleaning of the equipments:	EPOXY DILUENT 3005
Notes	The data presented serves as a guide and similar equipment may be used.

Reviewed on April 02th, 2026

APPLICATION PERFORMANCE

For coatings applied in coastal areas exposed to sea spray, it is recommended to wash with fresh water between coats to remove deposited impurities.

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

Do not apply the product after the pot life has been exceeded.

For optimal application properties, the paint temperature must be between 69.8°F - 80.6°F before mixing and application.

We recommend painting only if the measured surface temperature is at least 5.4°F above the dew point.

Substrate temperature, climatic and environmental conditions during application and curing, as well as applied film thickness, may affect drying time.

Epoxy systems may have longer curing times when exposed to low temperatures.
For curing below 50°F, consult WEG Technical Department.

Application of the coating system may require the paints involved to be applied in two or more coats to achieve a uniform layer with dry film thickness suitable for the expected appearance and performance.

Epoxy-based products are well known for their excellent corrosion-resistant properties, although they have limited resistance to sunlight. When the applied coating is exposed to weathering, it may gradually lose its gloss, a phenomenon known as chalking, which can also cause a slight change in color. It is important to note that this chalking does not compromise the coating#scorrosion protection.

Paintings performed with varying application methods on the same project may result in differences in gloss and final appearance.

On freshly painted surfaces in direct contact with water during the curing process, localized staining with color change (more visible in darker colors), curing delay, and compromised product performance may occur.

SAFETY PRECAUTIONS

Product developed for industrial use intended for handling by qualified professionals. Carefully read all information contained in the SDS of this product, available at: www.weg.net.

Store in a covered and well-ventilated place. 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. Use protective gloves/protective clothing/eye protection/face protection.

Empty containers and materials with paint residues must be disposed of according to current legislation. Take care of the environment.

NOTE

The information contained in this technical bulletin is based on the experience and knowledge acquired in the field by WEG's technical team.

In the event of using the product without prior consultation with WEG regarding its suitability for the purpose for which the customer intends to use it, the customer acknowledges that the use will be at their own exclusive responsibility, and WEG is not liable for the behavior, safety, suitability, or durability of the product.

Some information mentioned in this bulletin is only an estimate and may vary due to factors beyond the manufacturer's control. Therefore, WEG does not guarantee and assumes no responsibility for performance, efficiency, or any material or personal damages resulting from the incorrect use of the products in question or from the information contained in this Technical Bulletin.

The information contained in this technical bulletin is subject to periodic modifications, without prior notice, due to our policy of continuous improvement and evolution of our products and services, providing quality solutions to meet the needs of our customers.

Reviewed on April 02th, 2026