

W-POXI BLOCK ADA 40

PRODUCT DESCRIPTION

Two-component Novolac polyamine epoxy coating, high-build, high solids, slip-resistant, high hardness, water, oil, and salt-resistant. Produces high-texture, anti-slip film. Very low solvent content (Low VOC), excellent abrasion and impact resistance. Provides superior anticorrosive protection, surface hardness, and impermeability.

RECOMMENDED USE

The product forms a high chemical resistance film, suitable for industrial floors, stairs, walkways, ramps, heliports, and vessel decks. In offshore applications, can be used on decks, oil and gas platforms, etc. Particularly indicated for environments where abrasion resistance is essential.

CERTIFICATIONS AND APPROVALS

Product complies with Petrobras Standard N 1374.

This product complies with Petrobras Standard N 2943, Annex F - Requirements for Anti-Slip Paint.

This product is certified as part of an approved paint scheme in accordance with the MED Directive 2014/90/EU, in compliance with IMO Resolution MSC 307 (88) - Annex 1 - Parts 2 and 5 tests.

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	3.6L Package containing 3.15L 20L Package containing 17.5L
Component B	0.9L Package containing 0.45L 3.6L Package containing 2.5L

CHARACTERISTICS

Color	According to customer standard. RAL and Munsell chart.
Gloss	Matte
VOC content	120.95 g/l
Volume Solids	95 ± 1% (ISO 3233)
Shelf Life	24 months
Dry Film Thickness	490 µm - 510 µm
Dry Heat Resistance	Maximum temperature 150 °C. The product maintains its chemical properties up to a temperature of 150 °C, but from 60°C, color and gloss variations in the paint may occur.
Theoretical Coverage	1,90 m ² /l without dilution at a dry film thickness of 500 µm. Loss factors during application are not considered.

DRYING

Drying

	10 °C	25 °C	35 °C
Touch	14 hours	6 hours	4 hours
Manipulation	30 hours	16 hours	8 hours
Final	240 hours	168 hours	168 hours
Pot life	2 hours	1 hour	30 min

Recoat Drying

	10 °C	25 °C	35 °C
Minimum	10 hours	6 hours	3 hours
Maximum	30 hours	24 hours	20 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.

Remove accumulated dirt using a dry brush, clean dry cloth, compressed air blow, vacuum, or a combination of these. Remove soluble salts by washing with plenty of fresh water, preferably under low pressure (up to 5,000 psi), according to SSPC-SP12/NACE No. 5 standard.

Over Primer

For touch-ups, maintain the original painting system.

If an anticorrosive primer is needed, it must be approved by WEG technical department. The primer must be dry and free of contaminants.

Existing shop primer must be removed via abrasive blasting to near-white metal, grade Sa 2½, ISO 8501-1 standard or SSPC-SP 10/NACE No.2, unless the manufacturer ensures integrity and performance of the painting system over the primer.

Recommended to use W-POXI GFD 362, according to approval and compliance with Petrobras N2943, Annex F.

The product can be applied over a specific primer in order to form an appropriate coating system.

NOTE: Respect the product's recoat interval for the application of the subsequent coat. If the maximum indicated recoat interval is exceeded, it is necessary to perform a light manual or mechanical sanding to break the gloss of the previous coat, followed by cleaning off dust and sanding residues to ensure better adhesion between paint coats.

APPLICATION PREPARATION

Mixing

Homogenize the content of each component using mechanical or pneumatic stirring (A and B). Ensure no sediment remains at the bottom of the container. Add component B to component A in the indicated mixing ratio under stirring until completely homogenized, respecting the mixing ratio.

Avoid prolonged mixing, as frictional heat will significantly reduce the product's shelflife.

Mixing Ratio

By weight: 100 A x 9 B.

Thinner

EPOXY DILUENT 3005

Dilution

Depending on the application method, dilute to a maximum of 5%.

Notes

The amount of Diluent may vary depending on the type of equipment used and environmental conditions during application. Only add Diluent after complete mixing of the other components. Do not dilute with solvents not allowed by local legislation, and do not exceed the indicated dilution percentage. Excessive dilution may affect film formation, appearance, and make it difficult to achieve the specified thickness.

Pot Life

1 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.

Induction Time

No induction time required.

In very hot locations, we recommend consulting WEG's Technical Department.

APPLICATION METHODS

Roller	Use a short-haired, seamless wool or synthetic roller for epoxy paints. For application with brush and/or roller, it may be necessary to apply two or more coats to achieve a uniform layer and the recommended film thickness.
Brush	Recommended only for small area touch-ups or "stripe coat" (screws, nuts, weld beads, sharp corners, and touch-ups).
Cleaning of the equipments:	EPOXY DILUENT 3005
Notes	The data presented serves as a guide and similar equipment may be used. Changes in pressures and nozzle sizes may be necessary to improve spraying characteristics. Purge the compressed air line to avoid paint contamination. Do not allow catalyzed product to remain in contact with application equipment, as at temperatures above the indicated "pot life", the paint will show variation in flow and will harden, making cleaning difficult. Before application, ensure that the equipment and respective components are clean and in optimal condition. After mixing two-component products, if there are application stops and the pot life has been exceeded (paint shows variation in flow), it can no longer be re-thinned for later application. Reinforce all sharp corners, gaps, and weld beads with a brush to avoid premature failures in these areas. Clean all equipment immediately after use.

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.

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

For optimal application properties, the paint temperature should be between 21°C and 27°C before mixing and application.

Painting is recommended only if surface temperature is at least 3°C 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 at temperatures below 10°C, consult the WEG Technical Department.

Must not be applied under adverse conditions, such as relative humidity (RH) above 85%, as color and appearance changes may occur.

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.

Small variations in color, appearance, and gloss (more noticeable in dark colors), as well as delayed curing and performance compromise, may occur during high humidity, rainy days, cold locations, or when parts dry outdoors.

Epoxy-based products are known for their excellent anticorrosive properties and low resistance to sun exposure. When the applied film is exposed to weathering, over time it will lose gloss, a phenomenon known as chalking, which consequently alters its color. It is important to note that, despite this chalking, the film's anticorrosive protection is not compromised.

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.