

W-POXI TBA 301

PRODUCT DESCRIPTION: Two component epoxy polyamine finish. Used in tumbling process (concrete mixer). Great adherence and flexibility.

RECOMMENDED USES: Used for the painting of small metal surfaces, such as screws, zippers, eyelets, rivets, etc.

CERTIFICATIONS AND APPROVAL: This product, when supplied to comply with the RoHs Directive (Restriction of Certain Hazardous Substances) has the letter R in its description.

PACKAGING:	Component	Content	Package	Unit of measurement
	Component A	3,6	3,6	L
	Component B	1	1	L

CHARACTERISTICS: Color: Ral, Munsell or as per customer standard.

Volume solid: 53 ± 5% (ISO 3233).

Shelf-Life: 12 months at 25°C. (77°F)

Thickness per coat (dry): 20 µm –30 µm

Theoretical coverage: 21,3 m²/l without dilution in the thickness of 25 µm dry. Without considering loss factors in application.

Resistance to dry heat: Maximum temperature 90 °C . The product retains its physical and chemical properties up to the temperature of 90 °C however, variations in the coating color and gloss may occur from 60 °C (140°F).

Drying:

25°C (77°F)

Final: 72 hours

NOTE: The drying is carried out inside the equipment (concrete mixer) with a temperature between 80 and 100°C.

SURFACE PREPARATION The performance of this product is associated with the degree of surface preparation.

Completely remove oils, greases and grease using a degreasing product or according to the solvent cleaning method.

For further information, consult WEG Technical Department.

PREPARATION FOR APPLICATION

Mixture

Homogenize the content of each component by manual or mechanical agitation (A and B). Make sure that no sediment is retained at the bottom of the package. Add component B to component A, in the indicated proportions (volume), under agitation, until completely homogenized, add diluent 3026 and mix well, add slip solution and mix well.

Mixing ratio (Volume)

10 A X 1 B.

Mixing ratio

W-POXI TBA 301 - 100 ml
CATALYST W-POXI 3106 - 10 ml
THINNER EP 3026 - 70 a 125 ml (Dependendo da viscosidade desejada)
SLIDING SOLUTION - 3 ml

Diluent
Diluent epoxi 3026

Pot life of the mixture (25°C) (77°F)
3 h

Induction time (25°C)
Wait 15 minutes before application.

APPLICATION FORMS

The data below is a guide, and similar equipment may be used.

Changes in nozzle sizes and pressures may be necessary to improve spraying characteristics. Before application, check if the equipment and its components are clean and in best condition. Purge the compressed air line to prevent contamination of the coating.

Preheat the parts for about 4 minutes, the application time may vary according to the fan opening of the application gun and the desired dry coat.

NOTE:

Cleaning the equipment:

Diluent epoxi 3026

Do not leave catalyzed product in contact with the equipment used in the application, because the coating will vary in fluidity at temperatures above specified in the pot life and will cure faster, making the cleaning difficult.

Clean all equipment immediately after use.

PERFORMANCE IN THE APPLICATION

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

Do not apply the product after the pot life has expired.

We recommend coating only if the surface temperature is at least 3 °C (37,4°F) above the dew point temperature.

Variations in color, aspect and gloss (more noticeable in dark colors) may occur, as well as delay in curing and low coating performance, when applied during periods of high air relative humidity, rainy days, low temperatures or drying the coating outdoor.

The temperature of the substrate, the weather and environmental conditions during the application and during the curing of the product, and the thickness of the coat may interfere in the product drying time.

For better application properties, the coating temperature should be between 21 - 27 °C prior to the mixing and application.

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

Epoxy-based products are known by having excellent anti-corrosion properties and low resistance to sunlight exposure. In situations of exposure of the film to the weather, over time it will present a loss of gloss known as chalking and its shade will change as a consequence. Remember that even undergoing such chalking, the film anti-corrosion protection is not impaired.

On newly painted surfaces in direct contact with water during the curing process, localized stains may occur with changes in their color (more visible in dark colors), delay in curing and compromised product performance.

For further information, consult WEG Technical Department.

SAFETY PRECAUTIONS

Product developed for industrial use intended for handling by qualified professionals.

Please read carefully all the information contained in the MSDS of this product, available at: www.weg.net.

Store in a covered, well-ventilated area. 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.

Wear protective gloves / protective clothing / eye protection / face protection.

Avoid release this product and its packaging, as well as materials used during handling and application in the environment.

NOTE:

The information contained in this technical datasheet is based upon the experience and knowledge acquired in the field by the technical team of WEG.

If using the product without previous 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 behavior, safety, suitability or durability of the product.

Some information contained in this datasheet are estimated, 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 datasheet.

The information contained in this technical datasheet 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.

