

W-THANE TXA 535

PRODUCT DESCRIPTION: Textured 2-pack aliphatic polyurethane topcoat. High gloss topcoat with excellent weathering resistance, providing high color and gloss retention. When applied to a specific primer, it provides good corrosion protection.

RECOMMENDED USES: Excellent topcoat to paint machinery and equipment that need weathering resistance.

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 | 3,08 | 3,6 | L |
| | Component B | 0,52 | 0,9 | L |

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

Gloss: Ultra matte 0 – 15 UB
Volume solid: 30 ± 5% (ISO 3233).

Thickness per coat (dry): 20 µm – 30 µm
Theoretical coverage: 12 m²/l without dilution in the thickness of 25 µm dry. Without considering the loss factors in the application.

Resistance to dry heat: Maximum temperature 90 °C Organic coatings can undergo alterations of color, gloss and adherence when exposed to temperatures exceeding 90 °C

Drying:

25°C

Touch: 2 hours
Handling: 10 hours
Final: 168 hours

Repainting Drying:

25°C

Min 5 hours
 Max 24 hours

SURFACE PREPARATION The surface must be clean, dry and free of any contaminants. Completely remove oils, greases and fats, as described in the SSPC-SP 1 standard.

Application over primer

W-THANE TXA 535 must be applied over a specific primer in order to compose an adequate painting system.

For further information, consult WEG Technical Department.

PREPARATION FOR APPLICATION

Mixture

Homogenize the contents of the components with a spatula. Ensure that no pigments are settled at the bottom of the package. Add component B to component A, observing the mixing ratio. Mix thoroughly with the spatula.

Mixing ratio (Volume)

6 A X 1 B.

Diluent

Pu diluent 5022



Dilution

Depending on the application method, dilute at most
Textured coat: adjust viscosity and pressure according to the desired texture.

10%

Do not dilute with solvents that are not allowed by local legislation and do not exceed the recommended dilution percentage.

Excessive dilution of the coating may affect the formation of the film and appearance and hinder the attainment of the specified thickness.

Only add the diluent after the complete mixing of components A + B.

Pot life of the mixture (25°C)

2 h

APPLICATION FORMS

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

Conventional gun:

| | |
|-----------------------|-----------------------------------|
| Gun: | JGA 502/3 Devilbiss or equivalent |
| Fluid nozzle: | EX |
| Air cap: | 704 |
| Atomization pressure: | 60 - 65 psi |
| Pressure in the tank: | 10 - 20 psi |
| Dilution: | 10% |

Brush:

Only recommended for retouching small areas or stripe coat (screws, nuts, weld beads, sharp edges and retouching). Use a brush 75 to 100 mm wide for larger surfaces and 25 to 38 mm for retouching.
For application with brush, application in two or more passes may be necessary to obtain a uniform layer according to

Cleaning the equipment:

Pu diluent 5022
Clean all equipment immediately after use.

NOTE:

Do not leave the catalyzed product in contact with the equipment used in the application, because the coating will present variations in fluidity at temperatures above the specification in the pot life and will harden, making the cleaning difficult.

PERFORMANCE IN THE APPLICATION

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

Exposure of the film to temperatures above 120 °C may compromise the product adhesion and chemical resistance performance.

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

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

In coatings with variation in the application method in the same job, the final appearance and gloss of the painted surfaces may present differences.

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 of the 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.

