



W-FENOXI ATD 36

**PRODUCT DESCRIPTION**

High-build novolac epoxy primer/finish, two-component, with excellent chemical resistance, including various solvents, resistant to high temperatures, with excellent corrosion and abrasion resistance.

**RECOMMENDED USE**

Indicated for highly aggressive environments, excellent corrosion protection on steel. Suitable for areas up to 428°F (dry heat and dry/wet cycles). Recommended for internal and external painting of tanks and pipes requiring chemical resistance.

**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**

|                    |  |
|--------------------|--|
| <b>Component A</b> | 0.95 US gal Package containing 0.76 US gal<br>5.28 US gal Package containing 4.23 US gal |
| <b>Component B</b> | 0.24 US gal Package containing 0.19 US gal<br>1.06 US gal Package containing 1.06 US gal |

**CHARACTERISTICS**

|                             |  |
|-----------------------------|--|
| <b>Color</b>                | White.<br>Gray.  |
| <b>Gloss</b>                | Semi-gloss (60 - 80 UB) W-FENOXI ATD 362   |
| <b>VOC content</b>          | 3.0 - 4.2 (lb/gal).<br>Note: The average of VOC on the line can vary depending on the color.   |
| <b>Volume Solids</b>        | 88 ± 2% (ISO 3233)   |
| <b>Shelf Life</b>           | 12 months  |
| <b>Dry Film Thickness</b>   | 3.9 mils - 7.9 mils  |
| <b>Dry Heat Resistance</b>  | Maximum temperature 248 °F.<br>The product maintains its chemical properties up to a temperature of 248 °F, but from 140°F, color and gloss variations in the paint may occur. |
| <b>Theoretical Coverage</b> | 179.3 ft <sup>2</sup> /gal without dilution at a dry film thickness of 7.9 mils. Loss factors during application are not considered.   |

**DRYING**

|                      |   |              |           |              |              |              |
|----------------------|---|--------------|-----------|--------------|--------------|--------------|
| <b>Drying</b>        | <table border="0" style="width: 100%; text-align: center;"> <tr> <td><b>50 °F</b></td> <td><b>77 °F</b></td> <td><b>95 °F</b></td> </tr> </table> |              |           | <b>50 °F</b> | <b>77 °F</b> | <b>95 °F</b> |
| <b>50 °F</b>         | <b>77 °F</b>  | <b>95 °F</b> |           |              |              |              |
| <b>Touch</b>         | 9 hours   | 3 hours      | 2 hours   |              |              |              |
| <b>Manipulation</b>  | 24 hours  | 8 hours      | 5 hours   |              |              |              |
| <b>Final</b>         | 336 hours   | 168 hours    | 144 hours |              |              |              |
| <b>Recoat Drying</b> | <table border="0" style="width: 100%; text-align: center;"> <tr> <td><b>50 °F</b></td> <td><b>77 °F</b></td> <td><b>95 °F</b></td> </tr> </table> |              |           | <b>50 °F</b> | <b>77 °F</b> | <b>95 °F</b> |
| <b>50 °F</b>         | <b>77 °F</b>  | <b>95 °F</b> |           |              |              |              |
| <b>Minimum</b>       | 24 hours  | 8 hours      | 5 hours   |              |              |              |
| <b>Maximum</b>       | 21 days   | 20 days      | 15 days   |              |              |              |

**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.



Not recommended for tank internal maintenance.

Mechanically treat worn, damaged, or compromised areas until reaching at least St 3 (or SSPC-SP3), according to the visual standard ISO 8501-1.

Areas that cannot be prepared by this method must undergo localized abrasive blasting, achieving Sa 2½ (or SSPC-SP6), according to the visual standard ISO 8501-1.

**Recommended Surface Profile**

It is recommended a roughness profile between 1.57 and 3.35 mils.

**Abrasive Blasting**

Perform abrasive blasting to near-white metal, Sa 2½ grade, according to ISO 8501-1 visual standard (A Sa 2½, B Sa 2½, C Sa 2½, D Sa 2½), or according to SSPC-SP10/NACE No. 2, visual standard SSPC-VIS 1 (A SP10, B SP10, C SP10, D SP10, G1 SP10, G2 SP10, G3 SP10).

Inspect the freshly blasted surface, observing defects that may appear after treatment. Correct them by grinding, filling with welds and/or epoxy putty.

If oxidation occurs between the end of abrasive blasting and coating application, the surface must be blasted again until the specified visual standard is achieved.

**Maintenance and Repair**

NOTE: Respect the recoating interval for subsequent coat application. If exceeded, perform light manual/mechanical sanding to break the previous coat gloss, followed by dust and residue cleaning to ensure better adhesion between paint layers.

**Over Primer**

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.

**New Constructions**

For new construction, treat overspray, weld beads, damaged areas, edges, and sharp corners by abrasive blasting grade Sa 2½ or SSPC-SP10, visual standard ISO 8501-1. If not possible, consult WEG Technical Department.

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**APPLICATION PREPARATION**

|                     |  |
|---------------------|--|
| <b>Mixing</b>       | 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.   |
| <b>Mixing Ratio</b> | By volume: 4 A x 1 B.  |
| <b>Thinner</b>      | EPOXY DILUENT 3005   |
| <b>Dilution</b>     | Depending on the application method, dilute to a maximum of 15%.   |
| <b>Notes</b>        | 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. |
| <b>Pot Life</b>     | 2 h<br><br>The shelf life of the mixture is reduced as the ambient temperature increases.<br><br>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.      |

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**APPLICATION METHODS**



|                                    |  |
|------------------------------------|--|
| <b>Conventional Spray Gun</b>      | Spray gun: JGA 502/3 Devilbiss or equivalent<br>Fluid nozzle: EX<br>Air cap: 704<br>Atomization pressure: 60 - 65 psi<br>Tank pressure: 10 - 20 psi.   |
| <b>Airless Spray Gun</b>           | Airless: Use minimum pump 60:1<br>Fluid pressure: 2000 - 3000 psi<br>Hose: 1/4" inner diameter<br>Nozzle: 0.017" - 0.025".<br>Filter: mesh 60.   |
| <b>Brush</b>                       | Recommended only for small area touch-ups or "stripe coat" (screws, nuts, weld beads, sharp corners, and touch-ups).   |
| <b>Cleaning of the equipments:</b> | EPOXY DILUENT 3005   |
| <b>Notes</b>                       | The data presented serves as a guide and similar equipment may be used.<br>Changes in pressures and nozzle sizes may be necessary to improve spraying characteristics. Purge the compressed air line to avoid paint contamination.<br>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.<br>Before application, ensure that the equipment and respective components are clean and in optimal condition.<br>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.<br>Reinforce all sharp corners, gaps, and weld beads with a brush to avoid premature failures in these areas.<br>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 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.

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.

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.

**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](http://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.

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**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.

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