

# WILKO PAINT, Inc.

WICHITA, KANSAS 67204-0089

## MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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### ZINC RICH PRIMER WILKO No. 349.07

**PRODUCT DESCRIPTION:** No. 349.07 Zinc Rich Primer is a single-component corrosion inhibitive primer that provides cathodic protection to steel.

**PRINCIPAL USE:** Designed as primer for steel surface to be topcoated with alkyd enamels. As primer for structural steel, storage tanks, vessels and for general maintenance. It may be used as "cold galvanizing" to repair galvanized steel.

**ALTERNATE PRODUCT:** For 2-component zinc rich epoxy primer use 349.10 or 349.13 Wilkopon Zinc Rich Primer.

**COLOR:** Gray

**WEIGHT PER GALLON:** 19.5 ±.5 lbs.

**VOLATILE ORGANIC COMPOUNDS:** 3.45 lbs./gal

**SOLIDS BY VOLUME:** 49.1 ± 1%

**COVERAGE:** @ 1 mil dry  
*Theoretical* - 788 square feet per gallon  
*Practical* - 630 square feet per gallon

**RECOMMENDED DFT PER COAT:** 1.5-3 Mils

**DRYING TIME:** @ 77°F  
*To Touch:* 30 to 60 minutes  
*To handle:* 2 to 4 hours  
*To Recoat:* 1 to 16 hours

**FLASH POINT:** 103°F TCC

**RECOMMENDED APPLICATION:** May be applied by brush or roller, or conventional or airless spray.

**RECOMMENDED THINNER:** Wilko No. 1, No.2., No.10.or No.25. Use No.1 or No.25 for cool weather (60-70°F) and use No. 2 at 70-90°F. For temperatures above 90 °F, use No. 10 to avoid dry overspray. Do not add more than 2 ounces of thinner per gallon of primer to keep VOC at 3.5#/gal or less. Do not add more than 15 ounces of thinner per gal of primer to keep VOC at the AIM limit of 3.8 #/gal for industrial maintenance finishes.

**RECOMMENDED TOPCOAT:** Wilko 460 – series alkyd enamels or 820 - series silicone alkyd enamels or 369.01 Phenolic Aluminum.

**CLEAN UP THINNER:** No. 10 or Xylol

**TEMPERATURE RESISTANCE:** 200°F dry, continuous

**SURFACE PREPARATION:** Surface must be clean and dry, free from oil, grease, wax or any other contaminants. For maximum protection of steel surfaces, dry abrasive blast to a Commercial Blast Finish in accordance with SSPC-SP6-63. Apply primer prior to development of any surface rust.

#### APPLICATION EQUIPMENT:

Mix contents until homogenous, then thin as needed. Refer to *Recommended Thinner*, above, for reduction amounts.

1. **CONVENTIONAL SPRAY:** Apply with industrial equipment, such Binks Model 62 or 2001 Gun with a fluid tip of 63 - 66 and air cap of 63PR for pressure fed, to 66SK for siphon fed, guns. For pressure fed setup, regulate the tank pressure at 5-10 psi. Atomization pressure should be maintained at 65-75psi. A moisture and oil trap in the main air supply line is required.

2. **AIRLESS SPRAY:** Use a high output airless equipment, such as Graco Bulldog Hydra-Spray or larger, with a .011 - .017 inch fluid tip and tip pressure of 2400 psi.

3. **BRUSH OR ROLLER:** Use high quality roller covers and brushes to obtain a smooth finish and minimize lap marks. If necessary for flow, thin with No. 10 thinner; do not overthin to avoid sagging.

4. For best results, use at temperature of 65°F or above. Do not apply when surface or ambient temperature is anticipated to drop below 50°F in 24 hours. Do not apply to damp surfaces, and surface temperature must be 5°F above the dew point for 24 hours to prevent moisture condensation, which might result in water spotting and poor film integrity.

**ALTERNATE PRODUCT:** Use 349.10 or 349.13 Wilkopon Zinc Rich for better adhesion, hardness and corrosion resistance.

**FIRST AID:** If inhaled, remove to fresh air. Administer artificial respiration if not breathing. In case of any contact with eyes, flush with plenty of water for 15 minutes and secure medical attention.

**PRECAUTION:** This product is not intended for general consumer use. Wilko 349.07 is flammable and can cause skin and eye irritations. Keep away from sparks, heat and open flames. Avoid contact with eyes, skin and clothing. Use with adequate ventilation and avoid prolonged breathing of vapors. Wear an air-supplied mask to avoid breathing concentrated vapors in enclosed areas. Keep the container closed. For additional safety information, refer to Material Safety Data Sheets.

