



# WILKO PAINT, Inc.

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MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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## WILKOPON RUST INHIBITIVE PRIMER WILKO NO. 347.62

**PRODUCT DESCRIPTION:** 347.62 Wilkopon Rust Inhibitive primer is a two component rust inhibitive epoxy polyamide coating that is designed for direct application to metals following the removal of loose rust and scale.

**PRINCIPAL USE:** Recommended coating or all structural steel, exterior of storage tanks and miscellaneous equipment in chemical and refinery facilities. Is an ideal coating in areas where sandblasting is not feasible or is impractical.

**COLOR:** Beige

**FINISH:** Semi-Gloss

**COMPONENTS:** Two

**MIXING RATIO:** Equal volumes of Base No. 347.62A and Activator No. 347.62B. (For cool weather use 347.62C)

**POT LIFE:** With 347.62B: 4 to 6 hours @ 77°F  
With 347.62C: 2 to 4 hours @ 65°F

**WEIGHT PER GALLON:** With 347.62B: 12.5 ± .5 lbs (mixed)  
With 347.62C: 12.8 ± .5 lbs

**VOC:** (mixed) With 347.62B: 1.46 lbs/gal  
With 347.62C: 1.53 lbs/gal

**SOLIDS BY VOLUME:** With 347.62B 80.0 + 1.0% (mixed)  
With 347.62C 79.0 + 1.0%

**COVERAGE:**@ 1 mil DFT W/347.62B W/347.62C  
Theoretical sq. ft./act. gal. - 1280 1100  
Practical sq. ft./act. gal. - 1024 880

**RECOMMENDED DRY FILM PER COAT:** 6-8 mils  
Apply 8-10 mils wet to achieve 6-8 mils dry film thickness.

### DRYING TIME :

with No. 347.62B Activator	°F/°C*	To Touch	To Recoat
	32/0	N/R	N/R
	50/10	N/R	N/R
	70/20	6 hrs	6 hrs
	90/32	4 hr	4 hrs
with No. 347.62C Activator	°F/°C*	To Touch	To Recoat
	32/0	N/R	N/R
	50/10	4 hrs	4 hrs
	70/20	2 hrs	2 hrs
	90/32	N/R	N/R

\* Surface temperature

**THINNER:** Use Wilko No. 1, No. 13 or No. 100 Thinner. Use No. 71 Thinner for maximum pot life or when 347.62 C is used.  
**NOTE:** Do not use No. 71 if recoating old alkyd paint.

**CLEAN UP THINNER:** No. 71 is recommended. No. 1 or No. 13 may also be used at early stages, however, they may not thoroughly clean the equipment.

**RECOMMENDED PRIMERS:** May be applied directly to metal. For additional corrosion resistance or as an intermediate coat, this coating may be applied over No. 349.08 or No. 349.10 Zinc Rich Epoxy Primer.

**TEMPERATURE RESISTANCE:** 200°F continuous, dry  
250°F intermittent, dry

**RECOMMENDED SUBSTRATE:** Steel or concrete

**RECOMMENDED TOPCOAT:** Topcoat with Wilkopon Epoxy or Wilkothane G or HS Polyurethane coatings only. Polyurethane is recommended for maximum gloss retention. For best results topcoat within 72 hours. After 72 hours, surface must be washed and primed with a light coat of 347.62 or 342.22 prior to top-coating with polyurethanes.

**SURFACE PREPARATION:** Surface must be clean and dry, free of oil, grease, wax or other contaminants. The use of chemical cleaning or pretreatment (e.g., phosphatizing) will help improve the adhesion and will enhance the overall properties of the coating. This multi-stage surface preparation is adequate for most industrial applications, and is highly recommended.

When coating newly fabricated steel, or if heavy mill scale, rust, or loose paint is present on existing structures, clean the parts by mechanical means. All sharp edges must be rounded and weld splatter must be removed prior to cleaning. Hand, power tool or SP7 Brush Blast Cleaning will afford minimum protection. For maximum protection of steel surface, dry abrasive blast to a Commercial Blast Finish in accordance with SSPC-SP6. Apply prior to the development of surface rust, usually within 8 hours or less especially in humid conditions.

### EQUIPMENT REQUIRED:

#### Conventional Spray:

1. A material pressure pot with dual regulation.
2. Spray gun such as DeVilbiss MBC with an AV-601 EX fluid tip, 496 DEX needle and a 704 or 64 air cap. As an alternate, a Binks 2001 or No. 18 heavy duty spray gun with a 66 PB nozzle.
3. A 25-50 foot length of fluid hose - ½ inch ID minimum, 5/8 inch preferable.
4. A 25 - 50 foot length of air hose - ½ inch ID minimum, 5/8 inch preferable.
5. Minimum of 75 PSI continuous air supply to each spray gun, 100 psi preferable.

#### Airless Spray:

1. Airless spray equipment with pump ratio of 28:1 or 30:1.
2. Air supply that delivers at least 100 psi is recommended.

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**EQUIPMENT REQUIRED (Continued):**

- Airless spray tip with orifice diameter of 0.017 or larger must be used.

**APPLICATION PROCEDURE:**

Airless spray is recommended for maximum film build.

- Separately mix the base and activator components until uniform, then mix equal volumes of the base and 347.62B Activator. Allow mixture to stand for at least 30 minutes before using.
- REDUCTION:** Caution: Any thinner added will raise the VOC of the coating. Do not thin with more than 96 ounces of No.71 Thinner per gallon of material activated with 347.62B to keep VOC below 3.8#/gal. Check local VOC restrictions before thinning.

*Conventional Spray:* Thin up to 25% with appropriate thinner (refer to previous section for recommended thinner).

*Airless Spray-* May be applied without thinning at 70-85°F. In cooler temperatures, or with smaller airless units, thin up to 10% with appropriate thinner. If pigtails are evident, use more thinner, use a smaller tip, increase pressure, or do a combination of these adjustments.

- Spray:* Apply one tack coat and follow with one full wet coat. Hold the spray gun 8-10 inches from the surface and overlap each pass 25% to avoid holidays.
- If the ambient temperature exceeds 85°F, reduce with Wilko No. 101 to avoid dry spray. Do not apply when the surface temperature is less than 5° above the dew point. Do not use below 40°F.
- Brush or Roller:* Thin activated material until workable for roller or brush application. This method of application is recommended for maximum adhesion over marginally prepared or if surface condensation is present. Work the brush or roller into the surface in such a way that the surface contaminant is worked into the coating, and in the case of moisture, the brushing action will push the water aside to allow coating to come into contact with the substrate. CAUTION: Do not apply if heavy condensation is present. See Wilko Rep for more information on application over these surfaces.
- Allow coating to cure 3 - 5 days at 77°F before placing into immersion service.

**FIRST AID:** If inhaled, remove to fresh air. If not breathing, administer artificial respiration. In case of any contact with eyes, flush with plenty of water for 15 minutes. Secure medical attention in all cases of exposure..

**PRECAUTION:** Not intended for general consumer use. This product 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.