

# WILKO PAINT, Inc.

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## MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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### UNIVERSAL ALKYD PRIMER HS RED WILKO NO. 607.17

**PRODUCT DESCRIPTION:** No. 607.17 Universal Alkyd Primer is a high quality vinyl modified alkyd primer formulated with corrosion inhibiting pigments. The vinyl modification gives it good chemical resistance and good adhesion to hand cleaned steel. When applied to bare metal, its corrosion inhibiting pigments keep any under film creepage to a minimum.

**TYPICAL USES:** Used for exterior surfaces steel in industrial areas. Can be used as a barrier coat for old but sound coatings for subsequent topcoating with systems that may contain strong solvents.

**GENERIC TYPE:** Vinyl modified alkyd

**COLOR:** Red (available in Gray)

**FINISH:** Flat

**COMPONENTS:** One

**WEIGHT PER GALLON:** 12.6 ± .5 lbs

**VOC:** 3.5 lbs

**SOLIDS BY VOLUME:** 51.6 ± 2.0%

**COVERAGE:** @1 mil DFT *Theoretical* - 828 sq. ft./gal.  
*Practical* - 662 sq. ft./gal.

**RECOMMENDED THICKNESS PER COAT:** 1-2 mils

**DRYING TIME @77°F**  
To Touch: 15-30 minutes  
To Handle: 1-2 hours  
To Recoat: 4-5 hours

**RECOMMENDED THINNER:** No. 22 or No. 38

**REDUCTION:**  
Below 85 °F: Use No. 38  
Above 85 °F: Use No. 22  
Retarder: Use No.101

Do not use more than 12 oz of No.22 Thinner (10 oz for No.101) per gallon to keep VOC level below the AIM limit of 3.8#/gal for industrial maintenance coatings.

**CLEAN UP THINNER:** No. 13 or MEK

**RECOMMENDED SUBSTRATE:** Steel

**RECOMMENDED TOPCOATS:** Epoxies, urethanes, alkyds, vinyls and lacquers.

**HEAT RESISTANCE GUIDE:** 200 °F Dry

**SURFACE PREPARATION:** Surface must be clean and dry, free from 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, and is highly recommended. For most industrial applications, this multi - stage surface preparation is adequate. 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-SP6-63. Apply prior to development of any surface rust.

#### EQUIPMENT REQUIRED:

**Conventional Spray:** Use a cup gun or a pressure pot with dual air regulator and spray gun such as a DeVilbiss MBC with an AV-601 EX fluid tip, 496 DEX needle and 704 or 64 air cap, or Binks No. 18 heavy duty spray gun with a 66 PB nozzle . Use atomization pressure 45 psi or higher.

**Airless Spray:** Airless spray equipment with pump ratio of 28:1 or 30:1 and spray tip with orifice diameter of 0.015 to 0.019 should be used.

#### APPLICATION PROCEDURE:

May be applied by brush, roller or spray. Spray application is preferred for production of film depth consistency and optimum cosmetic value. Apply a uniform coat, allowing 15 minute solvent release following each coat (use a cross-coat method).

**Recoating old Finishes:** Check an inconspicuous area for lifting before using. Thin with minimal amount of No.13 or xylol if needed for flow. If recoating cured epoxy or urethane coatings, scuff sand to promote intercoat adhesion, and use No. 22 or No. 38 for thinning.

**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 incidence 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 or 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.

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