



# WILKO PAINT, Inc.

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MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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## WB ACRYLIC LATEX WHITE WILKO NO. 941.05

**PRODUCT DESCRIPTION:** No. 941.05 WB Acrylic Lated White is a good quality, fast drying enamel with excellent adhesion to a variety of substrates, including clean galvanized steel and treated metal. It has excellent flash rust resistance when applied over superficial rust. It is not recommended for immersion or exposure to highly corrosive environments.

**PRINCIPAL USE:** As gloss finish for tanks, pipes and other structures in industrial facilities.

**COLOR:** White (available in other colors)

**WEIGHT PER GALLON:** 9.7 ± .5 lbs.

**VOC:** 1.28 #/gal (water excluded)  
.52 #/gal (based on total volume)

**SOLIDS BY VOLUME:** 34 + 1.0%

**COVERAGE:** *Theoretical* - 545 sq. ft./gal.  
@ 1 mil DFT *Practical* - 436 sq. ft./gal.

**RECOMMENDED DRY FILM PER COAT:** 2.0-3.0 mils (over profile if sandblasted) Caution: Do not apply over 8 mils wet/coat.

**DRYING TIME:** @77°F and 50% Relative Humidity:

*To Touch:* Up to 15 minutes

*To Handle:* 15-30 minutes

*To Recoat:* Allow the water to fully evaporate if to be topcoated with a solvent base paint. Dry time will be dependent on temperature and humidity. With proper air movement it will generally be safe to topcoat after 2 hours.

**RECOMMENDED THINNER:** None normally required for brush, roller or spray application. If thinning is necessary use clear water. Do not overthin – water based paint are normally applied at higher viscosity than solvent based paint.

**RECOMMENDED PRIMER:** For optimum performance apply over primers like Wilko No. 902.13 Gray WB Primer or Wilko No. 907.15 Red Oxide Primer.

**RECOMMENDED TOPCOATS:** May be used by itself or topcoated with alkyds, vinyls, urethanes, epoxies, lacquers and water based coatings. Since coatings vary, check specific topcoats of lifting and intercoat adhesion before proceeding.

**SURFACE PREPARATION:** Surface must be clean and dry, free of oil, grease, wax and other contaminants. Hand, power tool or SP7 Brush Blast Cleaning will afford minimum protection. For maximum protection of steel surfaces, dry abrasive blast to a Commercial Blast Finish in accordance to SSPC-SP6. Apply prior to the development of surface rust.

**APPLICATION PROCEDURE:** May be applied by brush, roller, or conventional or airless gun. Use a high quality brush or roller to minimize brush or lap marks.

*Note:* Fluid line must be flushed thoroughly with water before using this product. Do not use a mechanical shaker or agitate with mechanical stirrer for more than 5 minutes. Do not allow to freeze or store where paint will be heated to above ambient temperature. Water based paint are applied at higher viscosity and at higher atomization pressures than solvent based paint.

**AIRLESS:** Use No. 11 to No. 17 tip. For best results, use No. 11-15 tip and fluid pressure of 2100-2400 psi (70-80 pump pressure on a 30:1 pump).

**CONVENTIONAL:** Use a pressure pot with separate regulator for fluid and atomization, nozzle set - up of 63 - 66, pot pressure of 10 psi, and atomization pressure of 50 – 60 psi. Air supply must have an oil filter to minimize fisheyes and cratering. Apply one wet tack coat and follow with two full wet coats. Hold spray gun 8 inches from surface and overlap each pass by 25%.

If sagging or running becomes evident use a smaller tip, higher pressure or increase air movement across the parts or apply heat, especially in high humidity environments. If any fish eyes or cratering are evident (usually caused by wax, oil or grease), add 1-4 ounces of No. 850.10 and mix well. 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.

**CLEAN UP THINNER:** Wet films may be cleaned with soap and water. For dried film clean with No. 38 Thinner or lacquer thinner.

**FIRST AID:** This coating is water based but it contains minimal quantities of co-solvent. 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 contains some ingredients that can cause skin and eye irritations. Keep away from children. 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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