



# WILKO PAINT, Inc.

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MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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## WASH PRIMER CHROMATE FREE WILKO NO. 603.08

**PRODUCT DESCRIPTION:** No.603-08 Vinyl Wash Primer is a two component pretreatment primer for use on steel, galvanized steel, copper, brass, aluminum, or as an adhesion promoter for marginally prepared steel. The primer reacts with the metal surface to form a thin film of complex metal-phosphate compounds to give maximum adhesion.

**PRINCIPAL USE:** It is recommended as a primer for galvanized steel, copper, and aluminum surfaces. It may also be used over steel to enhance adhesion.

**ALTERNATE USE:** This coating may be applied to tightly adhering superficial rust after sanding. It will passivate and seal rusty areas for subsequent painting.

**COLOR:** Translucent Greenish-Yellow

**WEIGHT PER GALLON:** 7.2 ±.5 lbs. Activated

**VOLATILE ORGANIC COMPOUND:** 6.3 lbs. mixed

**SOLIDS BY VOLUME: Part A:** 12% **Activated:** 7.1 ± .5%

**COVERAGE:** @ .3 mil dry  
*Theoretical* - 342 square feet per gallon  
*Practical* - 274 square feet per gallon

**RECOMMENDED DFT PER COAT:** 0.25- 0.75 Mil

**DRYING TIME, (minutes):** @ 50°F @ 77°F @ 100°F  
*To Touch, :* 20-30 15-20 5-10  
*To Handle:* 30-45 20-30 10-15  
*To Recoat:* 120-180 60-120 30-60

*Drying time is dependent on temperature, humidity, and film thickness. Above figures are for 0.5 mil DFT. Dry time will be very sluggish at temperatures of under 50°F and recoat time will be longer.*

*The primer can be recoated up to 7 days. After 7 days, wipe off the surface to clean contamination and apply another thin coat. Most coatings will adhere without re-applying the primer.*

**FLASH POINT:** 603-08A 55°F TCC  
603-08B 55°F TCC

**POT LIFE:** 8 hours

**RECOMMENDED APPLICATION:** Apply by conventional spray. Brush small areas only.

**RECOMMENDED THINNER:** May be applied without thinning. Reduce to spray with Wilko Thinner No.24 if needed. Do not add more than 50% to keep VOC level below the AIM limit of 6.5#/gal for pretreatment wash primers. Check local VOC requirements before using this product.

**RECOMMENDED TOPCOATS:** Alkyd enamels, acrylic latex, acrylic enamels and lacquers. An intermediate coat of primer may be used prior to topcoating. The primer has to be topcoated before it is exposed to the environment.

**SURFACE PREPARATION:** Surface must be clean and dry, free from oil, grease, wax or any other contaminates. The use of chemical cleaning or pretreatment (phosphatizing, etc.) will help to improve adhesion and enhance the overall properties of the material, and is highly recommended where no mill scale is or loose material is present and mechanical cleaning is not feasible. This coating will not provide protection to sandblasted surfaces – it does not have adequate solids to cover the sandblast profile.

### APPLICATION PROCEDURE:

- Mix components until uniform, then mix 1 volume of No.603.08B Reducer to 1 volume of No. 603.08A Base. Mix well before using. Activated material must be used within 8 hours. **Note:** 603.08B Reducer is not a thinner – do not use as thinner nor alter the recommended mixing ratio.
- If any thinning is necessary, use No. 24 Thinner. Refer to Recommended Thinner, above, for amount of thinner. Do not use other Thinners.
- Apply with conventional spray equipment, such as DeVilbiss MBC or JGA spray gun with No. 78 or 765 Air Cap, E-fluid tip and needle, or use Binks 18 or 62 spray gun, and pressure pot with a mechanical agitator. A moisture and oil trap in the main air supply line is also required.
- Apply a level coat in even and parallel passes, over-lapping each pass by 25% to avoid holidays, bare areas and pinholes. Do not attempt to achieve 100% hiding.
- Clean with No. 24 or MEK Thinner.
- Do not apply to surfaces that will be subject to moisture before an adequate cure occurs.
- Allow to dry until the color turns darker into a yellowish green, then check for nail hardness. It is ready for topcoating if the coating is nail hard.

**CLEAN UP THINNER:** No. 24 or MEK

**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 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.

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