

WILKO PAINT, Inc.

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MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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PRIMER CORROSION INHIBITIVE GRAY - QUICK DRY WILKO NO. 492.24

PRODUCT DESCRIPTION: No. 492.24 Primer Corrosion Inhibitive Gray is a fast dry, non-lifting primer for use on steel surfaces. It is designed with lead and chromate free ingredients.

PRINCIPAL USE: Is ideal for use as a primer for steel surfaces that are to be topcoated with lacquers, alkyd enamels, or acrylic modified alkyds.

COLOR: Gray (For use 497.35 or for Beige use 497.81)

WEIGHT PER GALLON: 10.5 ±.5 lbs.

VOLATILE ORGANIC COMPOUND: 4.5 lbs. (not intended for Architectural or Industrial Maintenance)

SOLIDS BY VOLUME: 38 ± 1.0%

COVERAGE: @ 1 mil dry
Theoretical - 609 square feet per gallon
Practical - 488 square feet per gallon

RECOMMENDED DFT PER COAT: 1.5- 2 Mils

DRYING TIME: @ 77°F
To Touch: 5 to 10 minutes
To handle: 15 to 30 minutes
To Recoat: 30 to 60 minutes

PERFORMANCE PROPERTIES: Hardness, Method ASTM D 3363-74: Passes HB requirement after 30 days cure at 77°F

FLASH POINT: 82°F TCC

RECOMMENDED APPLICATION: May be applied by conventional or airless spray.

RECOMMENDED THINNER: Reduce to spray with up to 25% by volume with Wilko Thinner No.1 or Wilko Thinner No.13.

CLEAN UP THINNER: No. 10 or Xylol

RECOMMENDED TOPCOATS: Alkyd enamels, acrylic enamels and lacquers

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 adhesion, enhances 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 only. For maximum protection of steel surfaces, dry abrasive blast to a commercial Blast Finish in accordance with SSPC-SP6. Apply the primer prior to the development of any surface rust.

Refer to Wilko's *Metal Preparation Guide* when painting aluminum or galvanized steel. Note: Do not apply to stainless or galvanized steel or aluminum without using an appropriate primer.

APPLICATION EQUIPMENT:

1. **CONVENTIONAL SPRAY:** Apply with industrial equipment, such as Devilbiss MBC or JGA spray gun with No. 78 or 765 Air cap, E fluid tip and needle, or Biinks 18 or 62 spray gun, and a pressure pot with mechanical agitator. A moisture and oil trap in the main air supply line is required. Thin with up to 8 ounces of Wilko No. 158 Thinner per activated gallon.

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:** Not recommended due to its low viscosity and fast drying characteristics

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.

TEMPERATURE RESISTANCE: 200°F dry, continuous

ALTERNATE PRODUCT: Use 492.43 Primer HS RI Gray for lower VOC

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

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.