

WILKO PAINT, Inc.

WICHITA, KANSAS 67204-0089

MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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PRIMER HS RED OXIDE WILKO No. 497.50

PRODUCT DESCRIPTION: No. 497.50 Primer HS Corrosion Inhibitive Red is an alkyd primer that is formulated with lead and chromate free ingredients.

PRINCIPAL USE: Designed as primer for steel surface to be topcoated with alkyd enamels. As primer for structural steel, storage tanks, vessels and for general maintenance. Recommended as a replacement for No. 497.03 Red Iron Oxide Primer.

ALTERNATE PRODUCT: For lower VOC primer use 497.105 which has a VOC of 2.8#/gal.

COLOR: Red (Use 492.22 for gray).

WEIGHT PER GALLON: 11.2 ± 5 lbs.

VOLATILE ORGANIC COMPOUNDS: 3.5 lbs.

SOLIDS BY VOLUME: 48.3 ± 1%

COVERAGE: @ 1 mil dry
Theoretical - 775 square feet per gallon
Practical - 620 square feet per gallon

RECOMMENDED DFT PER COAT: 1.5-3 Mils

DRYING TIME: @ 77°F
To Touch: 30 to 60 minutes
To handle: 2 to 4 hours
To Recoat: 1 to 16 hours

FLASH POINT: 83°F TCC

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

RECOMMENDED THINNER: Wilko No. 1, No.2., No.10.or No.25. Use No.1 or No.25 for cool weather (60-70°F) and use No. 2 at 70-90°F. For temperatures above 90 °F, use No. 10 to avoid dry overspray. Do not add more than 1 ounce of thinner per gallon of primer to keep VOC at less than 3.5#/gal. Do not add more than 14 ounces of thinner per gal of primer to keep VOC at the AIM limit of 3.8 #/gal for industrial maintenance finishes.

RECOMMENDED TOPCOAT: Wilko 460 – series alkyd enamels or 820 - series silicone alkyd enamels.

CLEAN UP THINNER: No. 10 or Xylol

TEMPERATURE RESISTANCE: 200°F dry, continuous

SURFACE PREPARATION: Surface must be clean and dry, free from oil, grease, wax or any other contaminants. For maximum protection of steel surfaces, dry abrasive blast to a Commercial Blast Finish in accordance with SSPC-SP6. Apply primer prior to development of any surface rust.

APPLICATION EQUIPMENT:

Mix contents until homogenous, then thin as needed. Refer to *Recommended Thinner*, above, for reduction amounts.

1. **CONVENTIONAL SPRAY:** Apply with industrial equipment, such Binks Model 62 or 2001 Gun with a fluid tip of 63 - 66 and air cap of 63PR for pressure fed, to 66SK for siphon fed, guns. For pressure fed setup, regulate the tank pressure at 5-10 psi. Atomization pressure should be maintained at 65-75psi. A moisture and oil trap in the main air supply line is required.

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:** Use high quality roller covers and brushes to obtain a smooth finish and minimize lap marks. If necessary for flow, thin with No. 10 thinner; do not overthin to avoid sagging. Brushing works best over marginally prepared surface – work the paint with the brush into the surface, especially over cracks or rusty areas.

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.

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: This product is not intended for general consumer use. Wilko 497.50 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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