

WILKO PAINT, Inc.

WICHITA, KANSAS 67204-0089

MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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ACRYLIC ENAMEL WHITE WILKO NO. 141.07

PRODUCT DESCRIPTION: 141.07 Acrylic Enamel White is a fast dry acrylic modified enamel that exhibits good exterior durability, flexibility and hardness.

PRINCIPAL USE: As protective and decorative coating for farm equipment and implements, machinery, and general refinishing.

COLOR: White (available in other colors)

WEIGHT PER GALLON: 9.6 \pm .5 lbs.

VOC: 4.5 lbs. per gallon (Not intended for Architectural or Industrial Maintenance Use)

SOLIDS BY VOLUME: 38.5 \pm 1%

COVERAGE: @ 1 mil dry
Theoretical - 618 square feet per gallon
Practical - 494 square feet per gallon

RECOMMENDED FILM THICKNESS: 1.5 to 2.5 mils

DRY TIME: @77°F
To touch: 5 to 10 minutes
To handle: 15 to 30 minutes
To recoat: Before 8 hrs & after 7 days

APPLICATION: Thin with no more than a quart of thinner per gallon of enamel for conventional spray. Apply wet coats, overlapping each coat approximately 25%.

RECOMMENDED THINNER: Below 60°F use Wilko No.1 Thinner. At temperatures of above 90°F use Wilko No. 13 Thinner. Use No.3 Retarder. to slow down dry time in hot conditions

SHELF LIFE: One year, unopened @ 77°F.

CLEAN UP THINNER: No.1 or No. 13

FLASH POINT: 82°F

HARDENER: This coating will dry without any hardener. For added toughness and to accelerate overnight dry especially in cool weather, use Wilko No. 050.43 Hardener at a rate of 8 oz per gallon.

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 SP6 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-SP6-63. Apply the primer or coating prior to the development of any surface rust. An appropriate primer must be used when coating sandblasted steel surfaces.

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.

RECOMMENDED PRIMER: Wilko No. 497-35 Primer Corrosion Resisting Red or No.497-81 PrimCorrosion Resistant Beige.

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 Bionics 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.

FIRST AID: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. In case of 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 wear an air-supplied mask to avoid prolonged breathing of vapors in enclosed areas. Keep container closed. For additional safety information, refer to Material Safety Data Sheet (MSDS).