

WILKO PAINT, Inc.

WICHITA, KANSAS 67204-0089

MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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CLEAR POLYURETHANE WILKO NO. 720.05

PRODUCT DESCRIPTION: No.720.05 Clear Urethane Finish is a high quality oil modified polyurethane enamel that is formulated to provide good exterior durability. Its long "open time" makes it suitable for painting large structures. This coating provides good flexibility and abrasion resistance.

PRINCIPAL USE: It is used extensively for the exterior surfaces of pipes, storage tanks, vessels, and structural steel in industrial areas. It is also ideal for painting interior and exterior walls of buildings, as coating for rubberized tracks, and as gym and floor finish (wood or concrete).

COLOR: Clear (Available in various colors)

GLOSS: Gloss

WEIGHT PER GALLON: 7.5 lbs.

VOC: 3.55#/gal

SOLIDS BY WEIGHT: 53%

SOLIDS BY VOLUME: 47.2%

COVERAGE: @ 1 mil dry
Theoretical : 757 sq. ft./gal.
Practical : 606 sq. ft./gal.

RECOMMENDED DRY FILM THICKNESS 2 to 3 mils

DRYING TIME: @ 77° F
To Touch: 1 to 2 hours
To Handle: 6 to 8 hours
To Recoat: Overnight

RECOMMENDED THINNER: Wilko No. 2, No. 10 or No. 25. Do not use more than 12 ounces of thinner to keep VOC level below 3.5#.

CLEAN UP THINNER: Wilko No. 10, No. 13 or Mineral Spirits

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, dirt or other contaminants. Refer to Surface Preparation Guide that can be downloaded at <http://www.wilkopaintinc.com/> under "downloads".

RECOMMENDED PRIMER: Not required if applied to rubber matrix, wood or concrete. This coating will also adhere DTM, or if corrosion resistance is required use Wilko No.497.50 Primer Corrosion Inhibitive Red. If applying to galvanized surfaces use No. 603.08 Primer Vinyl Wash. This coating has good adhesion to clean steel.

RECOMMENDED APPLICATION: May be brushed, rolled or sprayed by conventional or airless spray.

APPLICATION PROCEDURE:

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

- 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 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. Use a pressure pot with mechanical agitator. 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, thin with No. 10 thinner; do not overthin to avoid sagging.
- 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.
- For added toughness and improved chemical resistance, use 1 pint of 050.23 or 050.43 Hardener per gallon of paint.
NOTE: Activated material must be used within 8 hours.

FIRST AID: If inhaled, remove to fresh air. If not breathing, give artificial respiration. In case of contact with eyes, flush with plenty of water for 15 minutes. 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 any contact with eyes and skin. REFER TO MSDS BEFORE USING.

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