

WILKO PAINT, Inc.

WICHITA, KANSAS 67204-0089

MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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PHENOLIC ALUMINUM WILKO NO. 369.09

PRODUCT DESCRIPTION: Wilko No. 369.09 Phenolic Aluminum is a one package, ready mixed aluminum paint with excellent water resistance.

PRINCIPAL USES: As a topcoat over primed structural steel, Storage tanks, vessels, piping and other ferrous substrates. Recommended as lower VOC replacement for Wilko No.369.01

COLOR: Bright Aluminum

WEIGHT PER GALLON: 9.2 ±.5 lbs.

VOC: 2.8 lbs.

SOLIDS BY VOLUME: 58.4 ± 1%

COVERAGE: @ 1 mil dry
Theoretical - 937 square feet/gallon
Practical - 749 square feet/gallon

RECOMMENDED DRY FILM PER COAT: 1.5-2.0 mils

DRYING TIME: *To handle:* 2 - 3 hours
@ 77°F *To recoat:* 24 hours

This coating will remain soft to the nail for a few weeks due to the nature of the leafing aluminum. It forms a platy barrier at the surface that tends to retard oxygen penetration into the film, retarding oxidation. This same property also prevents water penetration in the cured film.

FLASH POINT: 102°F TCC

TEMPERATURE RESISTANCE: 200°F dry, continuous
250°F dry, intermittent

RECOMMENDED PRIMER: Wilko No. 491-22 CI White, 492-22 CI Gray, No. 497-105 or No. 497-50 Primer Corrosion Inhibitive Red.

SURFACE PREPARATION: Dry abrasive blast cleaning is preferred. If blasting is not practical and no heavy residue like mill scale, rust, etc is present, remove grease, oil, rust or dirt, then power or hand clean the steel surfaces and solvent clean with Wilko No. 2 Thinner or Toluol where allowed. If heavy mill scale, rust or loose paint is present, clean parts by a mechanical means. Hand, power tool or SP7 Brush Blast Cleaning will afford minimum protection. For the maximum protection of steel surfaces, dry abrasive blast to Commercial Blast Finish in accordance with SSPC-SP6. Apply the primer or coating prior to the development of surface rust.

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. Use No. 10 for temperatures above 90 °F to retard dry and promote flow. Do not add more than 27 ounces of thinner to keep VOC at 3.5#/gal or less. To keep VOC at AIM limit of 3.8#/gal for industrial maintenance coating, do not use more than 42 ounces of thinner per gallon of paint.

APPLICATION: Conventional or airless spray, brush or roll.

APPLICATION PROCEDURE:

Mix contents until homogenous, then thin as needed. Refer to Recommended thinner, above, for thinning recommendations.

- 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, thin with No. 10 thinner - do not overthin to avoid sagging.
- 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: 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 or 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.

09/10/11