

WILKO PAINT, Inc.

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MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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AQUA ALUMINUM WILKO NO. 949.902

PRODUCT DESCRIPTION: No. 949.902 Aqua Aluminum is a good quality, fast dry coating that has excellent adhesion to a variety of substrates, including concrete, masonry, and treated metal. Has excellent flash rust resistance when applied over superficial rust. It is not recommended for immersion or highly corrosive environments.

PRINCIPAL USE: As gloss finish for tanks, pipes and other structures in industrial facilities, and as OEM refinish coating.

COLOR: Aluminum

WEIGHT PER GALLON: 8.6 + .5 lbs.

SOLIDS BY VOLUME: 27.8 + 1.0%

VOC: 1.16 #/gal (water excluded)
0.39 #/gal (based on total volume)

COVERAGE: @ 1 mil dry
Theoretical - 446 sq. ft./gal.
Practical - 357 sq. ft./gal.

RECOMMENDED DRY FILM PER COAT: 2.0-3.0 mils
(over profile if sandblasted) Caution: Do not apply over 8 mils wet/coat.

DRYING TIME: @ 77°F and 50% Rel. Humidity:

To Touch: Up to 15 minutes

To Handle: 15-30 minutes

To Recoat: Allow the water to fully evaporate if to be topcoated with a solvent based paint. This will be dependent on temperature and humidity. With proper air movement, topcoating is generally safe after 2-4 hours.

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

RECOMMENDED PRIMER: For optimum performance apply over primers like Wilko No. 902.13 Gray WB Primer or Wilko No. 907.15 Red Oxide Primer.

SURFACE PREPARATION: Surface must be clean and dry, free of oil, grease, wax or other contaminants. Hand, power tool or SP6 Blast Cleaning will afford minimum protection. For maximum protection of steel surfaces, dry abrasive blast to a Commercial Blast Finish in accordance to SSPC-SP6. Apply the coating prior to the development of any surface rust. If no loose rust or mill scale is present and cleaning by mechanical means is not feasible, use a multi-stage wash and chemical pretreatment.

RECOMMENDED THINNING: Not normally required for brush or spray application.

APPLICATION PROCEDURE:

Note: Fluid line must be flushed thoroughly with water before using this product. Do not use a mechanical shaker or agitate with mechanical stirrer for more than 5 minutes. Do not allow to freeze or store where paint will be heated to above ambient temperature. Water based paint are applied at higher viscosity and at higher atomization pressures than solvent based paint.

AIRLESS: Use No. 11 to No. 17 tip. For best results, use No. 15 tip and fluid pressure of 2100-2400 psi (70-80 pump pressure on a 30:1 pump).

CONVENTIONAL: Use a pressure pot with separate regulator for fluid and atomization, nozzle set - up of 63 - 66, pot pressure of 10 psi, and atomization pressure of 50 - 60 psi. Air supply must have an oil filter to minimize fisheyes and cratering. Apply one wet tack coat and follow with two full wet coats. Hold spray gun 8 inches from surface and overlap each pass by 25%.

If sagging or running becomes evident use a smaller tip, higher pressure or increase air movement across the parts or apply heat, especially in high humidity environments. If any fish eyes or cratering are evident (usually caused by wax, oil or grease), add 1-4 ounces of No. 850.10 and mix well. For best results, use at temperature of 65°F or above. Do not apply when surface or ambient temperature is anticipated to drop below 40°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.

CLEAN UP THINNER: Wet film may be cleaned with soap and water. Clean dried film with No. 38 Thinner or MEK.

STORAGE AND HANDLING: Do not freeze. For optimum stability do not store at temperatures above 100°F or below 40°F. Once frozen, the material may become unusable.

FIRST AID: This coating is water based but it contains minimal quantities of co-solvent. 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 contains some ingredients that can cause skin and eye irritations. Keep away from children. 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.

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