WILKO PAINT, Inc.

W I C H I T A, K A N S A S 67204-0089

MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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WILKOFAST WHITE
WILKO NO. 781.01

PRODUCT DESCRIPTION No. 781.01 Wilkofast White is a two component ambient temperature curing, non - isocyanate coating with outstanding exterior durability and color retention and fast dry time. Weathering characteristics are similar to those of acrylic urethanes. It is USDA approved for incidental contact with food in federally inspected meat and poultry plants. It is made with ingredients that are approved for contact with Type VII food as listed under 21 CFR 175.300.

TYPICAL USES: Exterior finish for tanks, vessels, and equipment. It is used maintenance and general decorative and protective coating for various OEM products. Its fast dry-to-handle properties make it an ideal assembly line coating.

GENERIC TYPE: Modified Epoxy

COLOR: White (available in several colors)

FINISH: Gloss - 85 degrees minimum

COMPONENTS: Two

MIXING RATIO: Four volumes of No. 781.01 to one volume of No. 060.02 Activator.

POT LIFE: Mixed material must be used within eight hours. If stored at 50oF or cooler, pot life can be extended to 24 hours.

WEIGHT PER GALLON: 9.7 ± 5 lbs (mixed)

VOC: 4.8 lbs (mixed)

SOLIDS BY VOLUME: 32.9 ± 1.0% (mixed)

COVERAGE: @ 1 mil DFT
Theoretical - 533 sq. ft./act. gal.
Practical - 426 sq. ft./act. gal.

NUMBER OF COATS: 1 to 2 recommended

DRYING TIME: *To Touch:* 5 to 15 minutes
@ 77°F *To Recoat:* 4 hours
Note: Dry time and cure of Wilkofast may be accelerated with force curing at 130-250°F.

RECOMMENDED THICKNESS: 2 to 3 mils DFT

APPLICATION METHODS: Conventional or airless spray

THINNER: No. 1 or No. 13

CLEAN UP THINNER: No. 13 or MEK

TEMPERATURE RESISTANCE: Dry 200°F continuous

FLASH POINT: 781.01: 55° F TCC
060.02: 45° F TCC

Typical Film Properties*

INITIAL 60° GLOSS	85
500 HOURS, QUV	75
1000 HOURS, QUV	60
PENCIL HARDNESS	HB
RESISTANCE TO ALIPHATIC SOLVENT	Good
RESISTANCE TO AROMATIC SOLVENT	Fair
2 HOURS GASOLINE EXPOSURE	Good
MEK Peroxide vapor @ 120F	Good
Salt Spray Resistance, applied over 347.29	600+ hrs

RECOMMENDED SUBSTRATE: Properly prepared or primed steel

RECOMMENDED PRIMERS Use Wilkopon Primers. For galvanized metal or stainless steel use No. 603-07 Vinyl Primer Wash or Nos. 342-22 or 347-29 Wilkopon Primers.

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 the adhesion and will enhance the overall properties of the coating. This multi - stage surface preparation is highly recommended and is adequate for most industrial applications.

Over old epoxy or urethane surfaces when blasting is not possible, clean surface of any oil, grease, rust, dirt and loose paint. Sand the old coating to assure proper adhesion.
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. For maximum protection of steel surface, dry abrasive blast to a Commercial Blast Finish in accordance with SSPC-SP6-63. Apply prior to development of any surface rust. Use of appropriate primer is recommended when applied to sandblasted steel surfaces.

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APPLICATION PROCEDURE:

1.Mix pigmented components until uniform, then mix four volumes of pigmented component with one volume of Wilkofast Activator No. 060.02. Thinning is not normally required.

2.AIRLESS SPRAY: Standard airless sprays Graco, DeVilbiss, or others with a 28:1 or higher pump ratio and a .011 to .014 inch fluid tip

3. C*ONVENTIONAL SPRAY:* Apply with industrial equipment such as DeVilbiss MBC or JGA spray gun. Separate air and fluid pressure regulators, and a moisture and oil trap in the main supply are recommended. Contamination with oil and water will result in shortened pot life, loss of adhesion, and poor film integrity.

4. Thinning is not normally required. If thinning is necessary for workability, use up to one pint of No. 13 Thinner per gallon of activated material. Apply a wet coat in even parallel passes, overlapping each pass 50% to avoid holidays, bare areas and pinholes. If required, follow with a spray pass at right angles to the first pass. Use No. 1 in place of No. 13 Thinner in cool weather to avoid sags

5. Do not apply coating when surface temperature is less than 5ºF above the dew point to prevent moisture condensation. For satisfactory cure, air and surface temperatures must be above 50°F.

6. Use Wilko No. 850-05 Fisheye Eliminator if pinholing or cratering become evident during use. For areas heavily contaminated with oil, wax or other particulate that cause surface defects, use up to 4 oz. of Wilko No. 850-10 Anti-Crater per activated gallon of paint. This should not ever be used as an alternative to proper surface preparation and cleaning prior to painting.

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 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 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.