



# US6350 Sprayable Coating

## DESCRIPTION

Wyn-Stik US6350 is a tan, two-component, sprayable, solvent free, high build urethane/urea coating for metal or concrete surfaces. The mixed material is of a non-sag consistency for easy application to vertical or overhead surfaces. The cured coating has excellent resistance to water, chemicals and sewer gases, for outstanding service in the corrosive environment of sanitation systems. It provides a tough flexible coating that resists impact and abrasion. US6350 is filled with a functional highly chemical resistant filler, and this soft to non-settling formulation resists blistering and pinholing in the most severe applications.

## FEATURES and BENEFITS

- Solvent Free, Shrink Free, Urethane/Urea Coating and Repair Compound
  - Easy, 3 to 1 Volume Mix Ratio
    - 3 Minute Pot Life for Spray Mix Applications
      - “Instant” Non-Sag for Spray on Heavy Verticals or Overheads
        - Excellent Resistance to Water, Chemicals, and Sewer Gases

## PRODUCT SPECIFICATIONS

	US6350 A	US6350 B	ASTM Method
Color	Tan	Dark Amber	Visual
Viscosity, centipoise	2,800 cps	200 cps	D2392
Specific Gravity, gms./cc	1.34	1.24	D1475
Mix Ratio	100 : 31.5 By Weight, 3 to 1 By Volume		PTM&W
Pot Life, 4 fl. Oz. Mass @ 77°F	3 minutes		D2471

## DIRECTIONS FOR USE

**PREPARATION:** All surfaces must be free of dirt, oil, grease, and have a firm substrate. Refer to “WYN-STIK Surface Preparation Guidelines” bulletin, and to the “ES6375 Two Component, Epoxy Sealer / Primer” bulletin for specific recommendations for various surfaces.

**MIXING:** Mix A and B components at the proper ratio until uniform in color and consistency. Mix for 45 - 60 seconds, scraping the sides and bottom of container to avoid leaving unmixed material that will cause soft spots in the cured product. After mixing US6350 will form a non-sag paste which must be used within 2 - 3 minutes.

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**APPLICATION and CURING:** US6350 is usually applied through special plural component high pressure spray equipment capable of dispensing the correct ratio, and of mixing the US6350A with the US6350B at the spray gun. Whenever possible, use disposable tools, otherwise wipe as much as possible off, and clean rest off with a small amount of solvent such as acetone or methylene chloride. Follow all your supplier's precautions and recommendations for use of the solvent. The dry film thickness that is typically specified for optimum chemical resistance on concrete is 60 mils. A thickness of 125 mils or even higher can be used for special applications, and can be built up in a single pass without requiring return for recoating. The coverage for US6350 will vary, depending upon surface condition. Generally at a 60 mil cured film thickness on a smooth non-porous surface, the coverage is 25 square feet per gallon. US6350 will reach 90% of ultimate properties in 2 or 3 days at 77°F. Full cure is achieved in 7 days at room temperature.

## TYPICAL MECHANICAL PROPERTIES

	US6350 A/B	ASTM Method
Mix Ratio	100 : 31.5 By Weight, 3 to 1 By Volume	PTM&W
Pot Life, 1/4 lb. Mass, @ 77°F	2 - 4 minutes	D2471
Tack Free Time, @ 77°F	30 minutes	
Color	Tan	Visual
Mixed Viscosity, @ 77°F, centipoise	Non-Sag Paste	D2393
Cured Hardness, Shore D	55 Shore D	D2240
Specific Gravity, grams, cc	1.24	D1475
Tensile Strength, psi	2,000 - 2,600 psi	D638
Elongation at Break, %	45 - 50%	
Water Absorption, 24 hrs. @ 77°F	< 0.05 %	D570

## STORAGE

To avoid moisture contamination, do not open until ready to use, and reseal containers after each use. Settling of US6350A can occasionally occur, but will be soft and can be restored with gentle rolling or mixing.

## CAUTION

US6350B contains aromatic isocyanates. Do not get in eyes, on skin, or clothing. Avoid spray, mist, or vapor. Do not use US6350A/B until Material Safety Data Sheets have been read and understood.

## PACKAGING WEIGHTS

	Drum Kit
US6350 Part A	3 Drums @ 500 lb. ea.
US6350 Part B	475 lb.
Kit	1975 lb.

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