



**PROTECTIVE COATINGS**

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## TECHNICAL DATA

### INDURETHANE 5000 CLEAR COAT

## COATING DATA

### DESCRIPTION:

A two component high gloss, clear acrylic polyurethane coating developed to extend the color and gloss retention of base coats.

### USE:

As a gloss enhancer, protector, color stabilizer, and to provide additional graffiti resistance to Induron Indurethane Finishes. To provide extended enhanced color stability and gloss retention beyond the normal life of conventional polyurethane finishes. This product works extremely well to extend the beauty and brightness of a dark color. This product also allows the easy cleaning of graffiti without damaging the Indurethane 5000 Clear Coat.

### Indurethane 5000 Clear Coat

- Provides excellent gloss and gloss retention.
- Extends color stability.
- Allows for easy graffiti removal.
- No recoating window.
- Brush, Roll or Spray application.

### RECOATABILITY:

The product may be recoated with itself any time after 18 hours.

### LIMITATIONS:

Do not use in immersion service. Maximum continuous dry surface temperature 200°F (93°C).

### SURFACE PREPARATION:

Apply Indurethane 5000 Clear Coat over Indurethane 6700 Flat or Indurethane 6600 Plus after 18 hours. Surface must be clean, dry and free of chalk.

### COVERAGE:

Theoretical—724 ft<sup>2</sup> per gallon at 1.0 mil dry film thickness.

### DRY FILM THICKNESS:

1.0 to 2.0 mils per coat.

### WET FILM THICKNESS:

2.2 to 4.5 mils per coat.

## APPLICATION DATA

### BLEND RATIO:

One part by volume Indurethane 5000 Activator to four parts Indurethane 5000 Base by volume. Power agitate until components are thoroughly mixed.

### POT LIFE:

Two hours at 80°F (27°C).

## APPLICATION:

**Brush**—For small areas only. Use natural bristle brush only. **Roller**—Thin as required up to 10% with Induron K-1091 Reducer 901. Use 3/8" or 1/2" synthetic nap roller. Roll out evenly over a suitable area while keeping the roller wet. Roller strokes should be parallel and in the same direction. Avoid dry rolling. **Airless Spray**—Not recommended. **Conventional Spray**—Preferred for best aesthetic results. Proper atomization will provide a smooth film.

## THINNING:

Thin up to 10% by volume with Induron K-1091 Reducer 901 for roller application. Thin up to 10% with Induron K-1099 Reducer 900 for spray application.

## CLIMATE:

Use this product only if the substrate temperature and ambient air temperature is above 40°F and is expected not to decrease for at least two hours after application. Also, the substrate temperature must be 5°F above the dewpoint for a period of at least two hours after application.

## DRY TIME:

TO HANDLE—Four hours @ 80°F (27°C).

TO RECOAT—Overnight.

**Note:** Lower temperature, high film build and/or poor ventilation will retard dry time.

**Note:** U-50 Accelerator may be used to increase the normal curing rate of reaction to provide a rapid low temperature cure. See U-50 Technical Data Sheet for more information.

## PHYSICAL DATA:

VOLUME SOLIDS: 45% ± 1% mixed

SOLIDS BY WEIGHT: 52% ± 1% mixed

WEIGHT PER GALLON: 8.4 ± 0.2 lbs/gallon

VOLATILE ORGANIC CONTENTS:

Mixed unthinned - < 4.1 lbs/gallon; < 490 grams/liter

Mixed thinned 10% - < 4.5 lbs/gallon; < 530 grams/liter

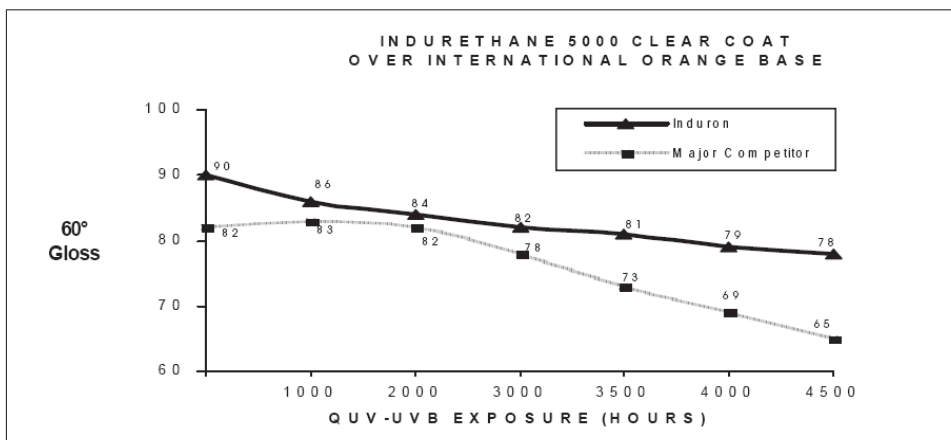
## PERFORMANCE DATA:

**ADHESION OVER BASECOAT:** ASTM D-3359, 5B-No Failure

**GRAFFITI REMOVAL:**

GRAFFITI APPLIED TO INDURETHANE 5000 CLEAR COAT AS BELOW:				
	SPRAY PAINT		INDELIBLE MARKER	
	24 hr. dry	7 day dry	24 hr. dry	7 day dry
Percent removed with MEK Rubbing (No damage to Indurethane 5000 Clear Coat)	100%	100%	100%	100%

**GLOSS RETENTION: 78% GLOSS RETAINED AFTER 4500 HOURS QUV-UVB EXPOSURE.**



## SAFETY DATA:

See individual product label for safety and health data information. Individual Material Safety Data Sheets are available upon request.

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