

COATING DATA

DESCRIPTION:

Indurlux 7600 is a single component, high performance, high gloss, acrylic polysiloxane finish coat. This is an exceptional coating that provides a polyurethane-like finish with outstanding weatherability, gloss and color retention. Indurlux 7600 contains no isocyanate component and is easier and safer to use than conventional two component polyurethanes. It is available in a virtually unlimited color range.

Indurlux 7600

- Single component
- No pot life restriction
- Isocyanate free
- Low VOC and HAPS free
- Outstanding long term color and gloss retention
- Unlimited recoat window
- High gloss finish
- Complete color flexibility
- Compatible with most epoxies, alkyds and acrylics
- Low stress finish that provides excellent overcoat properties

USE:

Use as the finish coat on properly prepared and primed interior and exterior surfaces. This coating is especially designed for use where long term gloss and color retention is required and especially in hot temperatures where conventional polyurethanes have a short pot life restriction. Indurlux 7600 is ideal for use in a wide range of structures and environments such as:

Water storage tanks	Water and waste water treatment plants
Fire hydrants	Structural and miscellaneous steel
Amusement parks	New Construction and maintenance painting
Railcars and Locomotives	OEM applications
Oilfield Service	Land Drilling Rigs

LIMITATIONS:

Not recommended for immersion service, splash and spillage of strong acids, alkalis or solvents. Not for service above 200°F (93°C). It is not recommended to use E-Bond 100 as a primer for this product.

SURFACE PREPARATION:

Carbon steel (Non-immersion) - Prepare substrate as per SSPC-SP6 Commercial Blast Cleaning and prime with the appropriate Induron primer. **Galvanized Steel** – Remove any flux and preservative compounds as per SSPC-SP 1 Solvent Cleaning. Prepare substrate as per SSPC-SP 2/SP 3 Hand and Power Tool Cleaning. Prime with Induron Vinyl Wash Primer as per data sheet instructions. **Previously Painted Surfaces** – Power wash or prepare in accordance with SSPC-SP 1 Solvent Cleaning to remove all surface contaminants. Remove loose paint and rust in accordance with SSPC-SP 2/SP 3 Hand and Power Tool Cleaning. Dull glossy surfaces and feather edges for uniform appearance. A test patch to determine adhesion is recommended.

COVERAGE:

Theoretical—1219 ft² per gallon at 1.0 mil dry film thickness.

DRY FILM THICKNESS:

1.5 to 2.5 mils per coat.

WET FILM THICKNESS:

2.0 to 3.5 mils per coat

APPLICATION DATA**APPLICATION:**

Airless Spray—Use .013-.017 tip; 60 mesh filter; 30:1 pump ratio at 60-80 psi operating air pressure.

Conventional Spray—Follow instructions of equipment manufacturer for the application of polyurethane-type coatings. **Roll**—Use a high quality, synthetic 3/8" nap cover with a solvent resistant core. **Brush**—

Use a high quality, natural bristle brush. **Flow Coating** – Thin with appropriate thinner to achieve desired viscosity, flow and leveling characteristics.

THINNING:

Thin as needed with K-1113 (HAPS exempt), or K-1017 in areas where a VOC and HAPS exempt solvent is required.

CLIMATE:

Use this product only if the substrate temperature and ambient air temperature is above 45°F and is expected not to decrease for at least two hours after application. Also, the substrate temperature must be 5°F above the dew point for a period of at least two hours after application to avoid condensation occurring on wet paint.

DRY TIME:

TO TOUCH- 1 hour @90F, 2 hours @70F, 5 hours @50F.

TO HANDLE—2 hours @90F, 4 hours @70F, 10 hours @50F.

TO RECOAT— Overnight.

Note: High film thickness, low temperature and/or poor ventilation will retard dry time.

PHYSICAL DATA:

VOLUME SOLIDS: 76± 2%

SOLIDS BY WEIGHT: 83% ± 2%

WEIGHT PER GALLON: 11.35 ± .2 lbs/gallon

VOLATILE ORGANIC CONTENTS:

Mixed unthinned: <0.9 lbs/gallon; <108 grams/liter

Mixed thinned 5%: <1.1 lbs/gallon; < 132 grams/liter

HAZARDOUS AIR POLLUTANTS (HAPS):

Unthinned: 0.62 lbs./gallon solids; <74 grams/liter

Thinned 5%: 0.62 lbs./gallon solids; <74 grams/liter

SAFETY DATA:

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