

COATING DATA

DESCRIPTION:

Indurlux 9400 is a two-component, high performance, high gloss, epoxy siloxane finish coat. Indurlux 9400 provides a polyurethane-like finish with exceptional weatherability, chemical resistance, gloss and color retention and contains no isocyanate. It is available in a virtually unlimited color range.

Indurlux 9400 Epoxy Siloxane

Isocyanate Free
Low VOC, HAPS Free
Outstanding long term color and gloss retention
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 interior or exterior surfaces. This coating is especially designed for use where long term gloss and color retention is required. Use in a range of environments such as:

Water storage tanks and treatment plants	Fire hydrants
Structural Steel	Amusement parks
Railcars and Locomotives	New Construction or Maintenance painting
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:

Steel (Non-immersion) Clean steel to a SSPC-SP6 Commercial Blast. **Galvanized Steel** – Clean to a SSPC-SP2 Hand Tool Cleaning. Prime with Induron Vinyl Wash Primer. **Previously Painted Surfaces** – Remove all surface contaminants. Clean rusted areas in accordance with SSPC-SP2 Hand Tool Cleaning. Dull glossy surfaces and feather edges for uniform appearance. (test patch is recommended)

COVERAGE:

Theoretical—1508 ft² per gallon at 1.0 mil dry film thickness.

DRY FILM THICKNESS:

2.5 to 5.0 mils per coat.

WET FILM THICKNESS:

2.7 to 5.3 mils per coat

APPLICATION DATA**BLEND RATIO:**

One part Indurlux 9400 Activator to four parts Indurlux 9400 Epoxy Siloxane Base. Power agitate until components are thoroughly mixed.

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 silicone alkyd paints. **Roll**—Use a 1/4" nap polyester nylon cover with a solvent resistant core. **Brush**—Use a natural bristle brush.

THINNING:

Not required, but may thin up to 5% with K-1012, or K-1017 in areas where a VOC and HAPS exempt solvent is required.

POT LIFE:

6.5 hours @ 50°F, 4 hours @ 70°F, 1.5 hours @ 90°F

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- 5 hours @ 50°F, 2.5 hours @ 70°F, 1 hour @ 90°F

TO HANDLE—12 hours @ 50°F, 6 hours @ 70°F, 3 hours @ 90°F

TO RECOAT—7 hours @ 50°F, 3 hours @ 70°F, 2 hours @ 90°F

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

PHYSICAL DATA:

VOLUME SOLIDS: 94± 2%

SOLIDS BY WEIGHT: 96% ± 2%

WEIGHT PER GALLON: 11.88 ± .2 lbs/gallon

VOLATILE ORGANIC CONTENTS:

Mixed unthinned: <0.4 lbs/gallon; <50 grams/liter

Mixed thinned 10% WITH K-1017: <0.4 lbs/gallon; < 50 grams/liter

HAZARDOUS AIR POLLUTANTS(HAPS):

Unthinned: 0.03 lbs/gallon solids

Thinned 10% with K-1017: 0.03 lbs/gallon solids

SAFETY DATA:

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