

COATING DATA

DESCRIPTION:

Indurasil Gloss Enamel is a high solids, VOC compliant, single component topcoat. This finish coat is used to achieve maximum color and gloss performance for interior and exterior, moderate atmospheric exposures. Indurasil Gloss Enamel features a 30% co-polymerized silicone alkyd resin and meets the requirements of Federal Standards TT-E-490 and TT-E-1593. It is especially formulated for superb smoothness, easy application and does not contain lead, mercury or other toxic pigments. In addition to conventional application methods such as airless spray, brush and roll, Indurasil Gloss Enamel is formulated for use in flow coating applications.

Indurasil Gloss Enamel

- Exceptionally high gloss, long term, high performance finish.
- Complete color flexibility.
- Complies with Ozone Transfer Commission (OTC) standards for industrial coatings
- Excellent for use in commercial, mild industrial or institutional environments including:
 - Substation equipment
 - Transformers
 - Miscellaneous metals
 - Structural and miscellaneous steel
 - Machinery
 - Tankage
 - Piping

USE:

Use Indurasil Gloss Enamel as a finish coat on interior and exterior applications in mild industrial environments.

LIMITATIONS:

Not recommended for immersion service, splash and spillage of strong acids, alkalis or solvents. Not for service above 200°F (93°C).

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 E-Bond 100% Solids Penetrating Sealer or Armorlux Primer Gray 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.

PRIMERS

Aged Galvanized: E-Bond 100% Solids Penetrating Sealer, Armorlux Primer Gray, Aquanaut Primer
Carbon Steel: Induron P-30 Universal Primer

COVERAGE:

Theoretical—962 ft² per gallon at 1.0 mil dry film thickness.

DRY FILM THICKNESS:

1.5 to 2.5 mils per coat.

WET FILM THICKNESS:

2.5 to 4.2 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 silicone alkyd paints. **Roll**—Use a 3/8" nap, high quality synthetic cover with a solvent resistant core. **Brush**—Use a natural bristle brush. **Flow Coating** – Thin with appropriate thinner to achieve desired viscosity flow and leveling characteristics.

THINNING:

Thin as needed with W-1012 Mineral Spirits or K-1024 in areas where a VOC / 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- 3 hours @90F, 6 hours @70F, 12 hours @ 50F.
TO HANDLE—4 hours @90F, 8 hours @70F, 16 hours @50F.
TO RECOAT— Overnight.

Note: High film thickness, low temperature, high humidity, dark colors and poor ventilation will retard dry time.

PHYSICAL DATA:

VOLUME SOLIDS: 60± 2%
SOLIDS BY WEIGHT: 74% ± 2%
WEIGHT PER GALLON: 10.4 ± .2 lbs./gallon
VOLATILE ORGANIC CONTENTS: 2.71 lbs./gallon (325 g/l)

SAFETY DATA:

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