

COATING DATA

DESCRIPTION:

Indurasil Gloss Enamel is a high solids, VOC compliant, single component topcoat intended to achieve maximum color and gloss performance for interior and exterior moderate to severe industrial exposures. Indurasil Gloss Enamel is built on a 30% co-polymerized silicone alkyd resin and meets the requirements of Federal Standards TT-E-490 and TT-E-1593. It is carefully formulated for excellent smoothness and easy application and contains no 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 finish.
- Complete color flexibility.
- Complies 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 steel.
 - Machinery.
 - Tankage.
 - Equipment.

USE:

Use Indurasil Gloss Enamel as an intermediate or finish coat on interior or exterior applications in commercial, mild industrial or institutional 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:

Previously Painted Surfaces—Previous paint should be clean and well adhering. Surfaces should be scraped or sanded to remove any loose paint. Any bare surfaces should be appropriately primed. Hard, glossy surfaces should be sanded, brush blasted, or treated with a surface conditioner. **New Surfaces**—Surface should be dry and free of all dirt, oil, and fallout, laitance, or other contaminants. New work should be prepared as follows:

PRIMERS

Aged Galvanized or Steel Induron Armorlux Primer
Induron P 30 Universal Primer
Aquanaut 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

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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 polyester nylon cover with a solvent resistant core. **Brush**—Use a natural bristle brush. **Flow Coating** – Thin with appropriate thinner to achieve desired viscosity

THINNING:

Thin as needed with K-1113, 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 dewpoint for a period of at least two hours after application to avoid condensation occurring on wet paint.

DRY TIME:

TO TOUCH- 4 hours at 80°F
TO HANDLE—6 hours at 80°F.
TO RECOAT—Overnight at 80°F.

Note: High film thickness, low temperature and/or 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/gal(325 g/l)

SAFETY DATA:

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