

COATING DATA

DESCRIPTION:

Induron DTM Enamel is a very fast drying direct to metal spraying enamel. This product has a high gloss finish available in a wide range of colors and it exhibits an excellent clarity and gloss retention on exterior exposure.

USE:

As a spray applied finish coat used for protection against weather and mild industrial fumes. Use on structural steel, tankage, equipment or any other surface exposed to weather and mild industrial fumes. For primed surfaces or for direct to metal surfaces. For shop application only.

LIMITATIONS:

Do not use for immersion service. Do not use in continuous 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 or other surface contaminants. For best long-term performance, prime with Induron P 20 Primer or Induron P 30 Universal Primer. This product may be used direct to metal without priming.

COVERAGE:

Theoretical—600 ft² per gallon at 1.0 mil dry film thickness.

DRY FILM THICKNESS:

1.0 to 2.0 mils per coat.

WET FILM THICKNESS:

2.6 to 5.2 mils per coat.

APPLICATION DATA

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Airless Spray—Use .013-.017 tip; 60 mesh filter; 30:1 pump ratio at 40-60 psi operating air pressure. **Conventional Spray**—Follow instructions of equipment manufacturer for the application of alkyd paints. **Roll**—Not recommended. **Brush**—Not recommended.

THINNING:

Not normally required. Thin up to 10% with K-1012 Industrial Thinner. Clean equipment with K-1012 Industrial Thinner. If dry spraying occurs in hot weather, use K-1113 Thinner in lieu of K-1012 Industrial Thinner.

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 to avoid condensation occurring on wet paint.

DRY TIME:

TO HANDLE—One-half hour at 80°F.

TO RECOAT—From wet-on-wet to indefinitely.

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

PHYSICAL DATA:

VOLUME SOLIDS: 38% ± 1%

SOLIDS BY WEIGHT: 55% ± 1%

WEIGHT PER GALLON: 9.1 ± .2 lbs/gallon

VOLATILE ORGANIC CONTENTS:

Unthinned - < 4.1 lbs/gallon; < 480 grams/liter

SAFETY DATA:

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