

COATING DATA

DESCRIPTION:

Induron's Fastprime is a fast dry, rust preventative primer available in red or gray-green. This primer is made with high quality alkyd resins and pigments to provide exceptional corrosion resistance and adhesion to carbon steel and cast iron with minimal surface preparation. This primer can be top coated with alkyd enamel finishes and is formulated to comply with Steel Structures Painting Council Painting System Guide No. 7.00 Section 5.1.3.

USE:

As a shop applied primer for general use over carbon steel and cast iron substrates subjected to mildly corrosive environments. These primers are tolerant of minimal surface preparation and are intended for use where rapid topcoating and handling is required.

LIMITATIONS:

Not suitable for immersion, moderate-to-strong chemical environments or organic solvents, fumes, splash, or spillage. Not for use with temperatures above 200°F.

SURFACE PREPARATION:

Steel (Non-Immersion)—Remove all surface contaminants including water, oil, dirt, rust, mill scale. Minimum surface preparation standards are SSPC-SP 2 Hand Tool or SSPC-SP 3 Power Tool Cleaning. If the substrate is abrasive blast cleaned use sufficient paint to provide a dry film to cover the blast profile.

Note: Coating performance is directly proportional to the quality of the surface preparation.

COVERAGE:

658 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 4.0 mils.

APPLICATION DATA

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Airless Spray—Use .013-.017 tip; 60 mesh filter; 30:1 pump ratio at 50-80 psi operating air pressure.

Conventional Spray—Follow instructions of equipment manufacturer for the application of alkyd primers.

Roll—Not recommended. Limit to very small areas for touch-up. **Brush**—Not recommended. Limit to very small areas for touch-up.

THINNING:

Not normally required. Thin as necessary with K-1012 Industrial Thinner.

CLIMATE:

Use this product only if the substrate temperature and ambient air temperature is a minimum of 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 one hour after application to avoid condensation occurring on wet paint.

DRY TIME:

TO HANDLE— 10 minutes @90F, 20 minutes@70F, 45 minutes@50F.

TO RECOAT— 20 minutes @90F, 40 minutes @70F, 90 minutes @50F.

PHYSICAL DATA:

VOLUME SOLIDS: 41% ± 1%

SOLIDS BY WEIGHT: 63% ± 1%

WEIGHT PER GALLON: 10.9 ± .2 pounds per gallon

VOLATILE ORGANIC CONTENTS:

Unthinned - < 4.2 lbs/gallon; < 490 grams/liter

SAFETY DATA:

This product is formulated free of lead, mercury, chromates or other toxic pigments. See individual product label for safety and health data information. Individual Material Safety Data Sheets are available upon request.