

COATING DATA

DESCRIPTION:

A rapid dry, rust preventative primer available in red or gray-green colors. This product is made with quality alkyd resins and pigmentation to provide exceptional adhesion to steel or cast iron with minimal surface preparation. These primers may be recoated with alkyd enamel finishes. This product 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 structural steel not subjected to aggressive environments. These primers are tolerant of minimal surface preparation and are intended for use where rapid post-painting handling is required.

LIMITATIONS:

Not suitable for immersion, strong alkyd 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 preparations are either SSPC-SP 2 Hand Tool or SSPC-SP 3 Power Tool Cleaning. If metal surfaces are sandblasted, use sufficient paint to provide a dry film which will cover the blast profile.

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

COVERAGE:

642 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 dewpoint for a period of at least one hour after application to avoid condensation occurring on wet paint.

DRY TIME:

TO HANDLE—10 minutes at 80°F.

TO RECOAT—30 minutes at 80°F.

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.