

COATING DATA

DESCRIPTION:

Induron's P-30 Primer is a high solids, low VOC, one package phenolic alkyd available in red and tan colors. It is formulated free of lead, mercury, chromates, and other toxic pigments. This primer provides excellent single component corrosion protection, and may be recoated with most Induron finishes including alkyds, acrylics, acrylic polysiloxane, polyurethanes and epoxies.

USE:

Use P-30 Primer for carbon steel substrates where excellent corrosion protection is required and/or the topcoat is unknown. This primer is ideal for use where it is not desirable to use multi-component primers, but desirable to use multi-component finishes. P-30 Primer is also useful as a tier coat over old conventional finishes to allow the application of high performance finish coats. Can be used as a shop primer or for industrial maintenance applications.

RECOATABILITY:

This product may be recoated after overnight dry (at least 18 hours) with high performance solvent borne coatings such as polyurethanes and epoxies. If exposed to weather for 30 days or more, surface must be abraded.

LIMITATIONS:

Not suitable for immersion service. Not intended for use in environments in excess of 200°F (93°C).

SURFACE PREPARATION:

Steel (Non Immersion) – Minimum preparation is SSPC-SP 2 Hand Tool Cleaning or SSPC-SP 3 Power Tool Cleaning to remove all surface contaminants including rust, dirt, grease and mill scale. Use SSPC-SP 7/NACE 4, for better performance, especially in moderately corrosive atmospheres. Apply sufficient mil thickness to provide a dry film which will cover the blast profile. **Note:** Service life is directly proportional to the quality of the surface preparation.

COVERAGE:

Theoretical—818 ft² per gallon at 1.0 mil dry.

DRY FILM THICKNESS:

2.0 to 3.5 mils. (**Note:** Do not exceed 3.5 mils.)

WET FILM THICKNESS:

4.0 to 7.0 mils

APPLICATION DATA

APPLICATION:

Airless Spray—Use .015-.017 tip; 60 mesh filter; 30:1 pump ratio at 40-80 psi operating air pressure.

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

Roller—Use lambswool cover. Additional coats may be needed to achieve desired film thickness.

Brush—Use natural bristle brush. Additional coats may be needed to achieve desired film thickness.

THINNING:

Not normally required. Thin up to 10% with K-1034 if needed. When clean up is required use Induron K-1012 Industrial Thinner.

CLIMATE:

Use this product only when the substrate temperature and ambient air temperature are above 40°F and is expected not to decrease for at least two hours after application. 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 HANDLE—45 minutes @90F, 90 minutes @70F, 3 hours@50F.

TO RECOAT—18 hours when temperatures average above 70°F.

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

PHYSICAL DATA:

VOLUME SOLIDS: 51% ± 1%

SOLIDS BY WEIGHT: 70% ± 1%

WEIGHT PER GALLON: 11.3 ± .2 lbs. per gallon mixed

VOLATILE ORGANIC CONTENTS:

Mixed unthinned - < 2.8 lbs./gallon; < 330 grams/liter

Mixed thinned 10% - < 3.2 lbs./gallon; < 380 grams/liter

HAZARDOUS AIR POLLUTANTS:

Mixed unthinned - 0.98 lbs./gallon solids

Mixed thinned 10% - 0.98 lbs./gallon solids

SAFETY DATA:

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