

COATING DATA

DESCRIPTION:

Induron Ceramaprime Epoxy Primer is an NSF Std. 61 Certified two-component ceramic modified, polyamide cured epoxy primer providing very fast dry times and excellent resistance to corrosive and abrasive environments. Quick cure, same day recoat, and unlimited recoat time allow for efficient shop and field priming and recoating.

Ceramaprime Epoxy Primer

- Dries to a low sheen finish
- Very fast dry to touch and recoat times.
- Excellent chemical resistance.
- Excellent resistance to aliphatic and aromatic hydrocarbons.
- Lead and chromate free.
- Complies with OTC(Ozone Transfer Commission) Standards for HAPS and VOC
- Performs well as a primer in many aggressive environments and substrates such as:
 - Structural steel
 - Potable Water Storage Tanks
 - Locomotives
 - Oilfield Equipment
 - Heavy Duty Equipment and machinery

USE:

As a highly durable primer on properly prepared carbon steel surfaces. This product may be topcoated with all Induron epoxy, urethane, acrylic siloxane and DTM acrylic finish coats.

LIMITATIONS:

Do not use for surface temperatures above 200°F (93°C). Not recommended for immersion.

SURFACE PREPARATION:

Steel (Immersion)- Recommended surface preparation is SSPC-SP 10/NACE 2 Near White Metal Blast Cleaning to obtain a 1.5-2.5 mil surface profile. **Steel (Non-Immersion)**—Recommended surface preparation is SSPC-SP 6/NACE 3 Commercial Blast Cleaning to obtain a 1.5-2.5 mil surface profile after removal of all surface contaminants. If blasting is not possible or practical, then the substrate may be prepared per SSPC-SP 2 and/or SSPC SP-3 Hand and Power Tool Cleaning, after removal of all surface contaminants.

Aluminum—Prime with Induron Vinyl Wash Primer. Follow product data sheet instructions.

Galvanized Steel—Prime with Induron Vinyl Wash Primer. Follow product data sheet instructions.

COVERAGE:

Theoretical—829 ft² per gallon at 1.0 mil dry film thickness.

DRY FILM THICKNESS:

3.0 to 6.0 mils per coat.

WET FILM THICKNESS:

5.8 to 11.5 mils.

TECHNICAL DATA

CERAMAPRIME EPOXY PRIMER



NSF/ANSI 61 Drinking Water
System Components 26KM
Maximum Surface Area/Volume Ratio: 394cm²/L
Water Contact Temperature: 23°C

APPLICATION DATA

BLEND RATIO:

One-part Ceramaprime Base to one-part Ceramaprime Epoxy Blending Resin by volume. Power agitate until components are thoroughly mixed.

POT LIFE:

2.5 hours at 70°F, 4 hours at 50°F and 1 hour at 90°F

APPLICATION:

Airless Spray—Use .015-.019 tip; 60 mesh filter; 30:1 pump ratio at 60-100 psi operating air pressure.

Conventional Spray—Follow instructions of equipment manufacturer for the application of epoxy paints.

Roll—Use a high-quality synthetic cover with a solvent resistant core. Additional coats may be required to achieve desired film thickness. **Brush**—Use natural bristle brush. Additional coats may be required to achieve desired film thickness.

THINNING:

If required, thin up to 10% with K-1034. Clean-up with K-1070 (MEK)

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 film defects from condensation occurring on wet paint.

DRY TIME:

TO TOUCH: 60 min. @ 75°F, 2 hours at 50°F and 45 minutes at 90°F

TO HANDLE: 5 hours @75°F, 7 hours at 50° F and 3 hours at 90°F

TO RECOAT— 45 min. @ 75°F

This product may be recoated up to 60 days without scarification as long as the surface is clean and dry.

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

PHYSICAL DATA:

VOLUME SOLIDS: 51.7% ± 1%

WEIGHT PER GALLON: 12.6 ± 0.2 lbs/gallon

VOLATILE ORGANIC CONTENTS:

Mixed unthinned - < 2.8 lbs/gallon; < 336 grams/liter

Mixed thinned 10% - < 3.2 lbs/gallon; < 384 grams/liter

HAZARDOUS AIR POLLUTANTS:

Mixed unthinned – 3.7 lbs/gallon solids

Mixed thinned 10% - 3.7 lbs/gallon solids

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