



PROTECTIVE COATINGS

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TECHNICAL DATA

ARMORLUX PRIMER - GRAY

COATING DATA

DESCRIPTION:

A versatile low VOC and HAPS Free primer combining rust inhibitive qualities with the performance of a top quality alkyd vehicle to give protection on both interior and exterior exposures. Armorlux Primer is available in light gray, medium gray. It provides extremely good surface wetting characteristics. Armorlux Primer is formulated free of lead, mercury, chromates, and other toxic pigments. Armorlux Primer is an unusually cost effective, corrosion preventing primer intended for field or shop application. In addition to conventional application methods such as airless spray, brush and roll; Armorlux Primer is formulated for use in flow coating applications.

USE:

Use as the primer for shop or field application in conditions where surface preparation is marginal. Armorlux Primer has excellent wetting characteristics which make it particularly useful for repaint work or field application to structural steel or tankage.

PERFORMANCE:

PANEL: Clean Steel.

SYSTEM: One coat Induron Armorlux Primer @ 2.0 mils dry film thickness.

TEST	METHOD/CONDITIONS	DURATION	RESULTS
Flexibility Salt Spray	¼" Mandrel ASTM B 117	500 Hours	Pass <1/8" Undercutting @ Scribe No Blistering

LIMITATIONS:

Not recommended for immersion conditions, continuous condensation, or continuous service above 200°F (93°C). Not intended for use in strong chemical environments.

SURFACE PREPARATION:

Steel (Non Immersion)—Remove all surface contaminants including rust, dirt, grease, water, and mill scale. Minimum surface preparations are either SSPC-SP 2 Hand Tool Cleaning 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: Service life is directly proportional to the quality of the surface preparation.

RECOATABILITY:

This product may be recoated with Induron Armorlux 2500 Enamel, Aquanaut© Acrylic Enamel, Indurasil Enamel or Induraguard 9200.

COVERAGE:

Theoretical—750 ft² per gallon at 1.0 mil dry film thickness.

DRY FILM THICKNESS:

1.0 to 3.0 mils per coat.

WET FILM THICKNESS:

2.1 to 6.3 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 paints. **Roll**—Use short nap cover. 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.

Flow Coating—Thin with appropriate thinner to achieve desired viscosity

THINNING:

If required, thin up to 10%. Use W-1012 Mineral Spirits for brush and roll. Use K-1036 Spraying Thinner for spraying.

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—4 hours at 80°F.

To Recoat—Overnight.

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

PHYSICAL DATA:

VOLUME SOLIDS: 58% ± 2%

SOLIDS BY WEIGHT: 80% ± 1%

WEIGHT PER GALLON: 12.6 ± 0.2 lbs per gallon

VOLATILE ORGANIC CONTENTS:

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

Mixed thinned 10% - < 3.0 lbs/gallon; < 360 grams/liter

HAPS:

Mixed unthinned - 0 lbs/gallon solids

Mixed thinned 10% - 0 lbs/gallon solids

SAFETY DATA:

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