

## COATING DATA

### DESCRIPTION:

Armorlux Aluminum is a gloss, hydrocarbon based alkyd, leafing aluminum finish with excellent hardness and durability. Armorlux Aluminum is a ready mixed aluminum paint made with aluminum flake and a superior wetting vehicle. It provides excellent one coat coverage and dries to a uniform metallic appearance. It has excellent resistance to moisture, weather, and industrial fumes.

## Armorlux Aluminum

- Dries to a bright, glossy finish.
- Aluminum pigment inhibits moisture and sunlight penetration resulting in a durable, long term performance life.
- Conforms to American Water Works Association ANSI/AWWA D102-06 Ready Mixed Aluminum. System Designation OCS-1-A.
- Excellent surface wetting characteristics allow for use on interior or exterior surfaces.
- Can be used up to 200°F (93°C) continuous service or 250°F (121°C) intermittent service.
- Performs extremely well when used as a finish for structural steel, tank exteriors, piping, fencing and other areas where a bright aluminum appearance is appealing.

### USE:

To protect and beautify many structures and substrates from the effects of weather and condensation in mild-to-moderate exposures. May also be used as an architectural finish on interior and exterior applications.

### LIMITATIONS:

Do not use for immersion service.

### SURFACE PREPARATION:

**Previously Painted Surfaces**—Existing coating must be clean and tightly adhered (check using ASTM D 3359, Method A). Remove all loose paint and rust by power washing, scraping or sanding. All bare surfaces should be primed with Induron P20, P30 or other approved primer. Cured, glossy surfaces should be uniformly sanded or brush blasted to de-gloss the surface and provide a profile for adhesion.

**New carbon steel**—Prepare in accordance with SSPC-SP6 Commercial Blast Cleaning. Apply Induron approved primers P-20 or P-30.

### COVERAGE:

Theoretical—690 ft<sup>2</sup> per gallon at 1.0 mil dry film thickness.

**DRY FILM THICKNESS:**

1.0 to 2.0 mils per coat.

**WET FILM THICKNESS:**

2.5 to 4.7 mils.

**APPLICATION DATA****APPLICATION:**

**Airless Spray**—Use .015-.019 tip; 60 mesh filter; 30:1 pump ratio at 40-60 psi operating air pressure.

**Conventional Spray**—Follow 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.

**THINNING:**

Not normally required. If necessary, thin up to 10% by volume with K-1036 Spraying Thinner or W-1012 Mineral Spirits.

**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 dew point for a period of at least two hours after application to avoid any adverse effects of condensation occurring on wet paint.

**DRY TIME:**

TO HANDLE—3 hours @90F, 6 hours @70F, 12 hours@50F.

TO RECOAT—Overnight at 80°F.

**Note:** Lower temperature, higher film build, and/or poor ventilation will retard dry time.

**PHYSICAL DATA:**

VOLUME SOLIDS: 43% ± 1%

SOLIDS BY WEIGHT: 53% ± 1%

WEIGHT PER GALLON: 8.1 ± .2 lbs/gallon

VOLATILE ORGANIC CONTENTS:

Unthinned - < 3.7 lbs./gallon; < 450 grams/liter

Thinned 10% - < 4.1 lbs./gallon; < 490 grams/liter

**SAFETY DATA:**

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