

COATING DATA

DESCRIPTION:

A ready mixed aluminum paint made with aluminum flake and a superior wetting vehicle. It gives 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, shiny finish.
- Aluminum paste inhibits moisture and sunlight penetration to allow for very long 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 well in the following exposures:
 - Structural steel.
 - Tankage.
 - Piping.
 - Fencing.
 - Other areas where a bright aluminum appearance is appealing.

USE:

To protect against weather and condensation on structural steel, tankage, marine environments and fencing. May also be used as an architectural finish on interior or exterior applications.

LIMITATIONS:

Do not use for immersion service.

SURFACE PREPARATION:

Previously Painted Surfaces—Previous paint should be clean and well adhering. Surfaces should be scraped or sanded to remove any loose paint. Any bare surfaces should be appropriately primed. Hard, glossy surfaces should be sanded, brush blasted, or treated with a surface conditioner. **New Surfaces**—Surface should be dry and free of all dirt, oil, and fallout, laitance, or other contaminants.

New work should be prepared as follows:

PRIMERS

Induron P 20 Primer

Induron P 30 Universal Primer

COVERAGE:

Theoretical—690 ft² 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 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 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.