

COATING DATA

DESCRIPTION:

Induron Indurabrite Aluminum is a very fast dry, gloss, silver/aluminum finish coat. Indurabrite provides outstanding one coat coverage and has excellent resistance to moisture, weather, and industrial fumes. This bright aluminum finish is ideal for overcoating projects and for use where a dry fall coating is needed (see APPLICATION).

Indurabrite 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 very 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—497 ft² per gallon at 1.0 mil dry film thickness.

DRY FILM THICKNESS:

1.0 to 2.0 mils per coat.

WET FILM THICKNESS:

3.0-6.5 mils.

APPLICATION DATA**APPLICATION:**

Airless Spray—Use .013-.015 tip; 60 mesh filter; 30:1 pump ratio at 40-60 psi operating air pressure. **Attention:** Dry overspray can be wiped or washed from most surfaces. Satisfactory dry fall performance depends upon height of work, weather conditions and equipment adjustment. Low temperature and high humidity conditions are of particular concern. Test for each application as follows: Spray Indurabrite from a distance of 15 to 25 feet towards a paint container. The material then should readily wipe off without leaving any residue. Note: Sunlight heated surfaces can fuse-dry overspray to surfaces. Always clean dry overspray from hot surfaces before fusing occurs. Be aware that exterior surface temperatures can be higher than air temperatures. **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.

CLIMATE:

Use this product only if the substrate temperature and ambient air temperature are above 40°F and is not expected 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 condensation from forming on the wet paint and effecting the cure and gloss level.

DRY TIME:

TO TOUCH—5 minutes @90F, 10 minutes @70F, 20 minutes @50F.

TO HANDLE—10 minutes @90F, 20 minutes @70F, 40 minutes @50F.

TO RECOAT—45 minutes @ 90F, 90 minutes @70F, 3 hours @50F

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

PHYSICAL DATA:

VOLUME SOLIDS: 31% ± 1%

SOLIDS BY WEIGHT: 44% ± 1%

WEIGHT PER GALLON: 8.1 ± .2 lbs/gallon

VOLATILE ORGANIC CONTENTS:

Unthinned - < 4.6 lbs./gallon; < 545 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.