



PROTECTIVE COATINGS

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TECHNICAL DATA

INDURAZINC MC67



WATER QUALITY

DRINKING WATER SYSTEM COMPONENTS
ANSI/NSF 61 26KM
Maximum Surface Area/Volume Ratio: 21.3 cm²/L
Water Contact Temp. 23°C

COATING DATA

DESCRIPTION:

Indurazinc MC67 is a single component, moisture-cured, aromatic urethane, organic zinc-rich primer. This product provides galvanic protection for carbon steel substrates; the dried film contains 83% zinc by weight. Indurazinc MC67 has the durability, toughness, and adhesion of a densely cross-linked polyurethane binder to provide outstanding long-term corrosion protection. Quick cure, same day recoat, and unlimited recoat time allow for efficient shop and field priming and recoating. Conforms to ANSI/AWWA D102-17 Inside Coating Systems Number 3, 5 and 6, and Outside Coating Systems No. 3 and 6. Classified by UL to NSF/ANSI International 61 for potable water immersion service in tanks of 5,000 gallons and greater capacity. Zinc Dust certified under ASTM D 520 Type III, 99.99% pure zinc metal.

USE:

As the prime coat in a multi-coat system designed for the protection of steel in brine, fresh water, potable water immersion and aggressive chemical exposures.

LIMITATIONS:

Not recommended for acidic (pH <6.0) or alkaline (pH >8.0) environments unless properly top coated. Always consult your Induron representative. Do not use for immersion above 140°F (60°C) or dry heat above 250°F (121°C).

SURFACE PREPARATION:

Steel (Immersion): SSPC-SP 10 Near-White Blast Cleaning. Steel (Non-Immersion): SSPC-SP 6 Commercial Blast Cleaning. Surface profile shall be angular and 1.5 to 2.5 mils in depth. Top coating—This product does not require scarifying the surface prior to being top coated with any product listed under recommended topcoats. Prior to top coating, remove all chalk and/or other surface contaminants.

RECOMMENDED TOP COAT:

NSF/ANSI 61 potable water immersion topcoats: PE-70 Epoxy, RC-70 Epoxy, TL70 Ceramic Epoxy, PermaClean 100 Ceramic Epoxy, AquaClean Epoxy, AquaClean RC Epoxy.

Non-potable water and water borne chemical immersion topcoats: PE-70 Epoxy, RC-70 Epoxy, Perma-Clean II Epoxy, Ruff Stuff 2100 Coal Tar Epoxy, Induraguard Epoxy, CeramaSafe 90, PermaSafe 100.

Non-immersion topcoats: PE-70 Epoxy, RC-70 Epoxy, Perma-Clean II Epoxy, Perma-Clean III Epoxy, Aquanaut Enamel, Perma-Gloss Fluorourethane.

PACKAGING: THREE-GALLON KITS

COVERAGE:

Theoretical 1,075 ft.² per gallon at 1.0 mil dry film thickness.

DRY FILM THICKNESS: 2.5 to 3.5 mils.

WET FILM THICKNESS: 3.7 to 5.3 mils.

APPLICATION DATA

MIXING:

Power agitation until thoroughly mixed and zinc is in suspension. Strain through a 30-50 mesh screen after mixing. Maintain minimum agitation during application to prevent settling.

POT LIFE:

8 hours at 80°F (27°C). Do not use this material past the pot life limits.

CAUTION: Conditions of high humidity or high levels of moisture during the use of this product will shorten the pot life. Avoid high-speed agitation and keep containers covered to minimize exposure to moisture.

APPLICATION:

Airless Spray—Use .017-.019 tip orifice; 60 mesh filter; 3/8" material hose; 3000-3600 psi atomizing pressure. Weather conditions, applicator technique, pump size, spray tip and atomizing pressure may vary recommendations. **Roll**—Use professional quality 1/4" or 3/8" synthetic cover. **Brush**—Use professional quality natural or synthetic bristle brush. **Ventilation**: When used in an enclosed area, provide adequate ventilation during application and cure.

THINNING:

For best results, thin up to 10% with Induron K-1012 Industrial Thinner. Clean up equipment with Induron K-1012 Industrial Thinner.

CLIMATE:

Use this product only if the substrate and the ambient air temperatures are between 35°F (2°C) and 120°F (49°C). The substrate should be dry and 5°F above the dew point.

STORAGE:

Shelf life is 10 months at a 20°F-120°F (6°C-49°C) storage temperature range.

DRY TIME:

Temperature	To Handle	To Recoat
95°F	1.0 hours	3 hours
85°F	1.25 hours	4 hours
75°F	1.5 hours	4 hours
65°F	2.0 hours	5 hours
55°F	3.0 hours	6 hours
45°F	4.0 hours	7 hours
35°F	5.0 hours	8 hours

Cure time will vary with humidity, surface and air temperature, and film thickness. For cure times for immersion service, reference the specified Induron topcoat technical data sheet.

PHYSICAL DATA:

VOLUME SOLIDS: 67% ± 2%

SOLIDS BY WEIGHT: 90% ± 2%

WEIGHT PER GALLON: 24.4 ± .2 lbs per gallon mixed

VOLATILE ORGANIC CONTENTS:

Mixed unthinned - < 2.4 lbs/gallon; < 288 grams/liter

Mixed thinned 10% - < 2.8 lbs/gallon; < 366 grams/liter

PERFORMANCE DATA:

GRAFFITI CLEAN UP: Spray Paint - 100% removed with ketone solvent.

SAFETY DATA:

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

