



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: 2.5 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.

