

## COATING DATA

### DESCRIPTION:

Induratar MC is a moisture cured, urethane coal tar with pigments that actually repel moisture. This protective coating dries and cures rapidly even at low temperatures.

### USE:

Induratar MC is a high build, corrosion resistant coating formulated for the protection of steel and concrete exposed to a wide variety of chemical, immersion and underground conditions such as electric transmission tower footings, waste water, salt water and hydrogen sulfide environments.

### COLOR/FINISH:

Flat Black

### LIMITATIONS:

Do not use for potable water applications. Immersion temperature should not exceed 150°F. Non-immersion continuous service temperature should not exceed 180° F. Not recommended for immersion in strong acids.

### SURFACE PREPARATION:

**New Steel (Immersion)**—SSPC-SP 10/NACE 2 Near-White Blast Cleaning. **New Steel (Non-Immersion)**—SSPC-SP 6/NACE 3 Commercial Blast Cleaning with a surface profile of 2.0 - 3.0 mils. **Previously Painted or aged steel/non-ferrous:** SSPC-SP 2 or SP-3 Hand or Power Tool Cleaning. **New Non-Ferrous** – SSPC-SP 16 Non-Ferrous Brush Blast Cleaning. **Concrete**—Allow new concrete to cure for 28 days. Verify dryness by testing for moisture per “ASTM D4263 Plastic Sheet Method”. Must be clean, dry, sound and free of all curing compounds, oils, greases or any other contaminants. All concrete surfaces shall be made free of voids, cracks and other imperfections using Induron EFS 707 Epoxy Surfacer or Mortarchem. Prepare the surface per ICRI 310.2 to achieve surface profile to meet a CSP 3-4.

### COVERAGE:

Theoretical—1,011 sq. ft. per gallon at 1.0 mil dry film thickness.

### DRY FILM THICKNESS:

5.0-7.0 mils

\*For rapid, high-build application of this product please consult an Induron Technical Representative.

### WET FILM THICKNESS:

8.0-11.0 mils

## APPLICATION DATA

### APPLICATION:

This is a high build and high solids coating. Wet film thickness is easily and quickly achieved. The information below is a general guide found suitable for successful application, however, this information may be modified depending upon equipment condition and weather conditions.

**Airless Spray** – Use .019 -.023 tip @ 2500-3000 atomizing pressure, 3/8" or 1/2" inch material hose, 30 mesh filter. **Roll** – Use solvent resistant medium nap cover. Additional coats may be required to achieve desired film thickness. **Brush** – Use a high quality natural bristle brush.

### THINNING:

Not normally required. If required, where allowed by local VOC and HAPS regulations, thin sparingly with K-1012

### CLIMATE:

Use this product only if the substrate and the ambient air temperatures are between 40°F and 120°F. The substrate must be dry and 5°F above the dew point. Minimum relative humidity during application is 30%.

### DRY TIME:

Dry to Touch: 45 min @90F, 90 minutes @70F, 3 hours @50F.

Dry to Handle: 90 minutes @90F, 3 hours @70F, 6 hours @50F.

Dry to Recoat: 2 hours @90F, 4 hours @70F, 8 hours @50F.

\*Drying times listed may vary depending on temperature, humidity and air movement.

\*For rapid, high-build application of this product please consult an Induron Technical Representative for dry and recoat times.

### PHYSICAL DATA:

VOLUME SOLIDS: 63% ± 2%

WEIGHT PER GALLON: 11.9 ± 0.2 lbs/per gallon

VOLATILE ORGANIC CONTENTS: 2.7 lbs/gallon; 325 grams/liter

### SAFETY DATA:

This product is formulated free of lead, chromates, mercury or other toxic pigments. See product label for safety and health information. Individual Material Safety Data Sheets are available upon request.