INDURON
PROTECTIVE COATINGS
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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:*** SSPC-SP 2 or SP-3 Hand or Power Tool 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. May apply two coats for a total DFT of 10.0-14.0 mils. Dry times listed below must be followed.

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 40ºF and 120ºF. The substrate must be dry and 5ºF 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.

PHYSICAL DATA:
VOLUME SOLIDS: 63% ± 2%
SOLIDS BY WEIGHT: 77% ± 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.