

COATING DATA

DESCRIPTION:

Induraguard BG is a low VOC, moisture cured, urethane sealer. This protective coating dries and cures rapidly, even at low temperatures.

USE:

Induraguard BG is a highly impermeable, corrosion resistant coating intended for below grade and transition zone applications for electrical infrastructure. In addition, this product can be used for a wide variety of chemical immersion and underground conditions such as waste water, salt water and hydrogen sulfide environments.

COLOR/FINISH:

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—25 m² per liter at 25µm DFT.

DRY FILM THICKNESS:

125-175 µm

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

WET FILM THICKNESS:

200-275 µm

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.

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 Thinner.

STORAGE:

This product has a shelf life of 9 months while being stored between 6°C-49°C.

CLIMATE:

Use this product only if the substrate and the ambient air temperatures are between 5°C and 149°C. The substrate must be dry and 3°C above the dew point. **Minimum relative humidity during application is 30%.**

DRY TIME:

Dry to Touch: 60 min @ 32°C, 2 hours @ 21°C, 4 hours @ 10°C.

Dry to Handle: 2 hours @ 32°C, 4 hours @ 21°C, 6 hours @ 10°C.

Dry to Recoat: 2 hours @ 32°C, 4 hours @ 21°C, 8 hours @ 10°C.

*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: 64% ± 2%

WEIGHT PER GALLON: 4.9 Kg per liter

VOLATILE ORGANIC CONTENTS: 0.55 lbs/gallon; 66 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.