

COATING DATA

DESCRIPTION:

A very low viscosity, unpigmented, two component epoxy rust penetrating sealer. When used as recommended, it is 100% solids - zero VOC - and will not shrink or entrap solvent on curing. E-Bond 100 Penetrating Sealer contains a rust inhibitor to improve its corrosion protection.

E-Bond 100 Penetrating Sealer

- 100% Solids - No shrink, no Volatile Organic Compounds.
 - Penetrates rust.
 - Excellent chemical resistance.
 - Contains corrosion inhibitor.
 - A universal primer and tie coat.
- Recoat with most Induron Protective Coatings.
 - Convenient 1:1 Blend Ratio.

USE:

The very low surface tension and penetrating properties of E-Bond 100 will bond rust, penetrate discontinuities and holidays in old coatings and provide exceptional adhesion to any aged, corroded, or rusted substrate. The penetrating action will reinforce and bond heavy rust. When blasting is not practical or economically justified, E-Bond 100 seals and unifies the surface of the substrate allowing the application of a suitable coating system. Topcoat with Induron epoxies, Indurethanes, or Aquanaut® Acrylic.

LIMITATIONS:

Do not use in immersion or service above 200°F (93°C). This product should be topcoated in most service.

SURFACE PREPARATION:

Steel (Non-Immersion)—For best results, SSPC-SP 2 Hand Tool Cleaning and remove surface contaminates. **Rusty Steel**—Remove oil and grease by wire brush, solvent wipe and/or water blast. **Re-paints**—Remove surface contaminants and/or water blast.

COVERAGE:

Theoretical—1604 ft² per gallon at 1.0 mil dry film thickness. Actual coverage will vary with surface porosity.

DRY FILM THICKNESS:

1.0 to 2.0 mils per coat. **Note:** Thicker films will not cause problems and may be used to fill small pits.

WET FILM THICKNESS:

1.0 to 2.0 mils. See Note above.

APPLICATION DATA**BLEND RATIO:**

One part by volume of E-Bond 100 Part A to one part by volume of E-Bond 100 Part B. Agitate until components are thoroughly mixed.

POT LIFE:

80°F or less—2½ hours

80°F - 90°F or less—1½ hours

90°F - 100°F—1 hour

Will lose pot life above 100°F in 30 minutes or less.

APPLICATION:

Brush, Roll (use very short nap roller cover), or **Conventional Spray**—Apply over porous rust in multiple passes until a glossy surface is achieved.

THINNING:

Do not thin. Clean-up with Induron K-1012 Industrial Thinner.

CLIMATE:

Use this product only if the substrate temperature and ambient air temperature is above 40°F and is expected not to decrease for at least two hours after application. Also, the substrate temperature must be 5°F above the dewpoint for a period of at least two hours after application.

DRY TIME:

TO HANDLE OR RECOAT—50°F or higher, overnight. 40°F-50°F, second day.

PHYSICAL DATA:

VOLUME SOLIDS: 100%

SOLIDS BY WEIGHT: 100%

WEIGHT PER GALLON: 8.9 ± 0.2 lbs per gallon

VOLATILE ORGANIC CONTENTS: None

SAFETY DATA:

This product is formulated free of lead, mercury, chromates and solvents. See individual product label for safety and health information. Material Safety Data Sheets are available on request.