



SPI COATINGS

PROVEN PERFORMANCE • REAL WORLD SOLUTIONS

SP INTERLOCK

INSULATION
AND
CORROSION
SPECIALISTS

Application Instructions (7/10/19)

SP INTERLOCK is a concrete "conditioner" for use on aged and weathered concrete. It is a combination of non-acidic water-soluble agents, which penetrate through the open pores. Once absorbed, SP INTERLOCK works to replace lost solids within a concrete surface before being over-coated with Rust Grip®, Enamo Grip, or other coatings.

SURFACE PREPARATION

Old Concrete:

- 1) Power wash surface (3,500 psi) with Chlor-Rid or equivalent to remove loose or flaking paint, rust and salts, and to clean the surface of dirt, oil, tar, grease and film.

- 2) Allow the concrete to completely dry.

NOTE 1: Concrete must be clean of all sealers, curing compounds, bond breakers, underlayment, patching compounds, floor mastics or any material which prevents open pores in concrete.

NOTE 2: Salt contamination on a surface can come as a result of salt water, fertilizers, and car exhaust. Use Chlor-Rid or equivalent to decontaminate surface if salts are present. Acceptable levels: Nitrates: 5-10 mcg/cm², Sulfates: 5-10 mcg/cm², Chlorides: 3-5 mcg/cm².

New Concrete:

- 1) If used to delay cure, begin surface preparation seven days after concrete is laid.
- 2) Power wash surface (maximum 1,500 psi) with a citrus cleaner to clean the surface of dirt, oil, tar, grease and film.
- 3) Allow to dry completely before applying SP Interlock.

MIXING

When pail is opened, mix by hand or paddle for two minutes.

APPLICATION

SP Interlock can be applied by brush or roller:

- 1) If application is by brush, use a soft bristle brush.
- 2) If application is by roller, use a 3/8-inch nap roller.
- 3) On old concrete, apply SP Interlock in three applications.
- 4) The first coat should be spread at sixteen mils wet. After one day, the residues that come to the surface should be washed away.
- 5) Apply the second coat at sixteen mils wet and allow to stand overnight. Any residue that comes to the surface should be washed away.
- 6) Apply the third coat at sixteen mils wet and allow to stand overnight. Rinse the residue from the surface. The concrete should now be sealed.
- 7) On new concrete, apply SP Interlock in one to two coats according to absorption.
- 8) Apply the SP Interlock to a thickness of 16 mils wet. Allow to stand overnight. Any residue that comes to the surface should be washed away.
- 9) Apply a second coat of SP Interlock, if needed, to a thickness of 16 mils wet. Allow to set overnight. Wash off any residue on the surface. Concrete should now be sealed.

NOTE: If any of the coating pools on the surface, it should be mopped up.

MINIMUM SPREAD RATES

Film Thickness: New concrete--2 coats, 16 mils wet / ? mils dry, each coat.

Old concrete--3 coats, 16 mils wet/ ? mils dry, each coat

CURE TIME

1. Four hours dry time on new concrete at 70°F.
2. Twelve hours dry time on old concrete at 70°F.
3. Overcoat window begins at 24 hours at 70°F.
4. Fully cures in seven days.

TEMPERATURE

Apply between 50°F and 100°F.
Store between 40°F and 100°F.

CLEAN-UP OF EQUIPMENT

After completion, brushes and rollers can be cleaned with soap and water, stored and reused.