



## Application Instructions (04/03/09)

**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/cm<sup>2</sup>, Sulfates: 5-10 mcg/cm<sup>2</sup>, Chlorides: 3-5 mcg/cm<sup>2</sup>.

#### 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, each coat.

Old concrete--3 coats, 16 mils wet, 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.