



Inner Seal is a combination of non-acidic water soluble agents which penetrate through the open pores of concrete. Inner Seal sets up a chemical reaction (within the concrete) with the salts and limes present and forms a barrier that is insoluble in water. Unlike other sealants, Inner Seal works from the inside out. Inner Seal is designed to work with concrete.

SURFACE PREPARATION

Old Concrete:

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

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

New Concrete:

- 1) Begin surface preparation seven days after concrete is laid.
- 2) Power wash surface (3,500 psi) with a citrus cleaner to clean the surface of dirt, oil, tar, grease and film.
- 3) Allow to dry completely.

MIXING

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

POT LIFE

Eight hours at 70F. degrees if container is left open.

APPLICATION

Inner Seal 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 Inner Seal in three coats.

- 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 Inner Seal in one to two coats according to absorption.
- 8) Apply the Inner Seal to a thickness of sixteen mils wet. Allow to stand overnight. Any residue that comes to the surface should be washed away.
- 9) Apply the second coat of Inner Seal, if needed, to a thickness of sixteen mils wet. Allow to sit 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/ 1.5 mils dry, each coat.

Old concrete--3 coats, 16 mils wet/ 1.5 mils dry, each coat

CURE TIME

- 1) Four hours dry time on new concrete at 70F. degrees.
- 2) Twelve hours dry time on old concrete at 70F. degrees.
- 3) Overcoating window begins at twenty-four hours at 70F. degrees.
- 4) Fully cures in seven days.

TEMPERATURE

- 1) Apply between 50F. and 100F. degrees.
- 2) Store between 40F. and 100F. degrees.

CLEAN-UP OF EQUIPMENT

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