



TOTAL SEAL

Application Instructions

(08/04/06)

TOTAL SEAL is a two-part epoxy coating system that has been specifically designed for use on concrete and masonry. TOTAL SEAL was developed to be applied to surfaces that have hydrostatic pressures and moisture mitigation.

SURFACE PREPARATION

New construction (concrete & masonry) exterior:

1. Power wash surface (3,500 psi) with a citrus cleaner to remove dirt, oil, tar, grease and film.
2. It is preferred that the surface be completely dry before applying TOTAL SEAL.

Note: TOTAL SEAL can also be applied to damp or moist surfaces without loss of adhesion.

Previously coated (concrete & masonry) exterior:

1. Power wash surface (3,500 psi) with Chlo-Rid to remove loose or flaking paint, rust and salts, and to clean the surface of dirt, oil, grease, and film.
2. If existing coating surface is glossed, it must be sanded or roughed before application, no gloss.
3. It is preferred that the surface be completely dry before applying TOTAL SEAL.

Note: TOTAL SEAL can also be applied to damp or moist surfaces without loss of adhesion.

New construction and previously coated (concrete & masonry) interior:

1. Power wash surface (3,500 psi) with a citrus cleaner to remove dirt, oil, tar, grease and film.
2. It is preferred that the surface be completely dry before applying TOTAL SEAL.

Note: TOTAL SEAL can also be applied to damp or moist surfaces without loss of adhesion.

MIXING

1. When pail is opened, mix in the curing agent and let stand for thirty minutes.
2. If this is being used for the first coat on concrete and masonry, add enough MEK to make this a 50/50 solution. This thinned solution will drive deep into the pores of the substrate.
3. All other coats can be applied directly after the thirty minute wait without adding MEK.

APPLICATION

TOTAL SEAL can be applied by brush, roller or spray. However, the preferred method of application is by roller.

1. If application is by brush, use a medium bristle brush.
2. If application is by roller, use a short nap roller.
3. If application is by sprayer, use an airless sprayer (high horsepower) with a .017 tip.
4. On concrete and masonry, Total Seal is always applied in three coats. The first coat is diluted 50/50 with MEK and then applied to the substrate. Allow four hours to dry and ventilate well. Apply a full strength coat after four hours. Wait twenty-four hours and apply a second full strength coat.

Note: When used in exterior applications, TOTAL SEAL will chalk and lose gloss.

MINIMUM SPREAD RATES

Film Thickness: Concrete and masonry (three coats) apply at 6 mils wet/3 mils dry per coat.

Note: The first coat should be mixed 50/50 TOTAL SEAL and MEK. The second and third coat would be applied at full strength.

POT LIFE

Four hours at 70° F. degrees, once base and curing agent have been mixed.

CURE TIME

1. Eight hours to touch at 70° F. degrees.
2. Overcoating window begins at twenty-four hours at 70° F. degrees.
3. Fully cures in fourteen days.

TEMPERATURE

1. Apply between 40° F. and 120° F. degrees.
2. Store between 40° F. and 120° F. degrees according to hazmat standards indicated on MSDS.

CLEAN-UP EQUIPMENT

1. After completion, spray systems should be flushed and cleaned with MEK or other comparable solvents.
2. After completion, brushes and rollers can be cleaned with MEK or comparable solvents, stored and reused.