



SUPERIOR PRODUCTS INTERNATIONAL II, INC.

TOTAL SEAL/HS

APPLICATION INSTRUCTIONS (8/4/06)

Total Seal/HS is a two-part epoxy coating system that has been specifically designed for use on concrete and masonry. Total Seal/HS was designed to meet even the strictest VOC level requirements in the United States. In addition, where the job specifications call for higher solids, this coating would be used in lieu of Total Seal.

SURFACE PREPARATION

New construction (concrete and 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/HS.

NOTE: Total Seal/HS can also be applied to damp or moist surfaces without loss of adhesion.

Previously coated (concrete and masonry) exterior:

- 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) It is preferred that the surface be completely dry before applying Total Seal/HS; however, Total Seal/HS can be applied to damp and moist surfaces without loss of adhesion.
- 3) If existing coating surface is glossed, it must be sanded and roughed before application, no gloss.

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

- 1) Remove all loose and flaking paint with a wire brush.
- 2) Wipe down the surface with soap and water to remove dirt, oil, tar, grease and film.
- 3) Rinse off any soap residue.
- 4) It is preferred that the surface be completely dry before applying Total Seal/HS; however, Total Seal/HS can be applied to damp and 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 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 are not thinned and can be applied

directly, and over the prep coat after 30 minutes.

POT LIFE

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

APPLICATION

Total Seal/HS 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 spray, use an airless sprayer (high horsepower) with a .019 tip.
- 4) On concrete and masonry, Total Seal/HS is always applied in three coats. The first coat is diluted 50/50 with MEK and then applied to the substrate. The second and third coats are not diluted with MEK before application.

NOTE: When used in exterior applications, Total Seal/HS will chalk and lose gloss.

MINIMUM SPREAD RATES:

Film Thickness: Concrete and masonry (three coats)
6 mils wet/3.6 mils dry per coat

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

CURE TIME

- 1) Four hours to touch at 70F. degrees.
- 2) Overcoating window begins at twelve hours at 70F. degrees.
- 3) Fully cures in ten days.

TEMPERATURE

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

CLEAN-UP OF 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.