



SUPERIOR PRODUCTS INTERNATIONAL II, INC.

TOTAL SEAL UHS-F-90

APPLICATION INSTRUCTIONS (8/4/06)

Total Seal UHS-F-90 is a two-part epoxy coating system that has been specifically designed for use on concrete and masonry flooring. This high solids coating was formulated for use where fire and static resistance are required. It is also an excellent choice where low V.O.C.'s are required.

SURFACE PREPARATION

New construction (concrete and 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.

NOTE: Total Seal UHS-F-90 can also be applied to damp or moist surfaces without loss of adhesion.

Previously coated (concrete and masonry) interior:

- 1) Remove all loose or 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 UHS-F-90; however, it can be applied to damp and moist surfaces without loss of adhesion.
- 5) If existing coating surface is glossed, it must be sanded and roughed before application, no gloss.

MIXING

- 1) When pail is opened, mix in the curing agent and let stand for 30 minutes.
- 2) Hand mix for five minutes.
- 3) Let stand for thirty minutes.
- 4) This is an unusual formulation in that it comes in a three-gallon kit with two gallons being curing agent and one gallon base.

POT LIFE

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

APPLICATION

Total Seal UHS-F-90 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 90% solids roller.
- 3) If application is by spray, use a high-horse power machine with a .072 tip.
- 4) Coating should be applied in two coats with each coat being applied to a thickness of four mils wet.

MINIMUM SPREAD RATES:

Wet: 8 mils/Dry: 7 mils (200 sq.ft./gallon)

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.