

INTERIOR CONCRETE SEAL PREPARATION AND APPLICATION

1. Assemble all equipment, chemicals and custodial hardware prior to beginning preparation and application procedures. Read safety instruction on MSDSs and chemical product labels and comply as directed.
2. Move all moveable objects from area(s) to be prepared and sealed.
3. Detail vacuum or sweep all edges, corners and difficult to reach areas. Remove all loose soil from open areas using a suitable push broom or dust mop. Scrape off all dry accumulations of debris from the surface to be cleaned using a suitable floor scraper and/or steel wire brush and/or strata grit brush, etc. Pick-up and dispose of litter.
4. Equip an auto scrubber with aggressive, strata grit-type brushes and fill clean auto scrubber solution tank with clean cold water. Add ES75 or ES70 to solution tank. If an auto scrubber is not available, equip a floor machine with a strata grit type brush and fill a separate bucket with water and ES75 or ES70.
5. Pre-spray all oil, grease and any other heavy accumulations of foreign matter liberally and allow 5 to 10 minutes contact time.
6. Apply mechanical action to pre-spray, heavily soiled areas using an auto scrubber or rotary floor machine equipped with an aggressive, strata grit type brush. Do not pick-up solution, as it will continue to work until next procedure takes place.
7. Scrub on ES75 or ES70 solution liberally to a manageable area of the surface and allow 5 to 10 minutes contact time. Do not pick-up solution on first scrubbing pass.
8. Inspect the surface to ensure all soil has been completely removed. If and where required, repeat necessary procedure(s) as previously noted.
9. Scrub and then clear water rinse surface with auto scrubber picking up solution on the first pass. If using a rotary floor machine, after wet pick-up, apply rinse water liberally with a dedicated neutralizer mop and pick-up solution with a wet vacuum.
10. Check pH of the surface to ensure that it is in the neutral range. If surface is still alkaline or acidic, repeat the neutralizing procedure.
11. Dispose of solution in sanitary sewer and clean equipment. Never dump any chemical solution in storm sewer.
12. When the surface is completely clean, neutral and relatively warm and dry, apply the first coats of ES89 using a clean, pre-rinsed, lint-free, wax mop, a pre-rinsed, lint-free, lambs wool applicator, or a suitable sprayer.
13. When the first coat of ES89 is cured and dry to the touch, usually in 30 to 60 minutes depending upon the porosity of the surface and the relative humidity, apply the second coat.
14. Additional coats of ES89 or top coat with your choice of Enviro-Solutions Floor Finish, if the porosity of the floor warrants, if additional film thickness is desired such as in heavy traffic areas, or when increased gloss is desired.
15. Clean all remaining equipment and supplies and return to storage.
16. To re-coat worn areas or to restore the entire surface, follow the same preparation and application procedure previously noted.

NOTE: Other preparation and application procedures may be used, however, always ensure that the surface(s) are properly cleaned, neutral and free from any foreign matter. ES89 may be applied over existing seals provided that they are stable and porous enough to accept ES89. If sealed with coatings, such as moisture curing urethane, screening followed by a separate rinse procedure will likely be required. The pH of the surface must be checked to ensure that it is in the neutral range before applying ES89. If and when in doubt, prepare and apply ES89 to a small test area before hand.

Daily and Periodic Cleaning Maintenance

1. Dust mop or sweep surface(s) daily or as required.
2. Spot mop spills and marks using a solution of ES84 with cold water.
3. Wet clean as required using auto scrubber equipped with nylon scrub brushes and ES84 with cold water.