

# TOP SECRET COATINGS

## INSTRUCTIONS FOR H-D FLOOR COATING SYSTEM TS-810B (With TS-66 Supreme Urethane)

This information has been prepared for use with The Heavy-Duty Floor Coating System (B) on properly prepared surfaces. Allow new concrete to cure 28 days or more before application. We recommend establishing the accurate Moisture Content (MC) of the substrate to avoid moisture related problems. The maximum MC for all surfaces is 10.0%. Recommend utilizing a properly adjusted moisture meter, VaporGauge calcium chloride moisture test, or the equivalent. Where hydrostatic pressure is found to be above 4LBS recommend using TS-104 Seal-it! Deep Penetrating Sealer. Never apply in hot direct sunlight, when humidity is above 75% or when rain is forecast within 48 hours. Most applications are by roller-coat, however brush and spray applications are acceptable. We recommend using 3/8" non-shedding roller cover on smooth surfaces, use higher nap covers on rough surfaces. Recommended wet film thickness for each individual coat is 4-5 MILS (300 sq ft/gal). Recoat within 12-48 hours or scuff between coats. All applications will require the removal of all grease, oil, glue and contaminates and the use TS-695 Etching Cleaner or an acceptable equivalent. Thoroughly scuff all existing coatings before application. When using over previously applied repair, stain or coating materials we recommend doing a test area before committing to the entire project to prevent possible compatibility issues. Recommend removing existing coatings or sealers for best results. All recommendations, written and verbal advice, these directions, label instructions and standard industry practices must be strictly adhered to or guaranty is voided.

1. PREP-WORK: All repair materials must be paintable. Sanding, grinding or blasting is always beneficial but often not required where circumstances *and* conditions permit, you must be the judge, consider carefully before proceeding. Once repair materials have cured power-wash to remove dirt and grime. Use TS-695 Etching Cleaner or the equivalent to remove contaminates and open the pores. Use TS-104 Seal-It! where hydrostatic pressure is present above 4LBS according to label directions. Allow Seal-It! to fully cure before application.

2. PRIME: Stir TS-6390 Ever-Last Epoxy Primer A&B components with a high speed mixer for two minutes. Brush the edges and roll coat the rest. Recommended WFT is 4 MILS (300 sq ft/gal). Apply evenly avoiding heavy build up. Move on to step 3 within 6-48 hours or sand between coats.

3. APPLY COLOR COAT & CHIPS: Stir TS-66 Supreme Urethane (color) A&B components with a high speed mixer for two minutes. Hand brush the edges then roll coat the remaining area. Apply evenly avoiding heavy build up and overlaps. Allow to stand 6 hours minimum before applying next coat. NOTE: If using chips broadcast them evenly onto the still wet surface within 5 minutes for best adhesion. Repeat process until entire area has been treated equally. Supreme Urethane Clear coat (step 4) is required to seal in and protect the chips.

4. APPLY TOP COAT: Stir TS-66 Supreme Urethane (Clear or Color) A&B components with a high speed mixer for 2 minutes. Apply evenly avoiding heavy build up. Let stand 12 hours before allowing light foot traffic and 72 hours minimum before allowing motorized traffic on the new finish. Do not allow moisture on surface for 72 hours. Actual times may vary. Temperatures below 60F and above 70F may require the use of TS-605 Thinner improve viscosity. Thin only as needed for individual requirements.

NOTE: Never apply primer or finish coatings on substrates exceeding 10% MC and 4 LBS hydrostatic pressure. Dry and cure time vary with temperature, ventilation, thickness of application and color. Allow extra dry and cure time for dark colors and low temperature. We hope this information helps you achieve the results you expect and years of problem free service. We are available to answer questions at 360-651-9050 M-F 9 AM to 5 PM PST. See us online at: [www.topsecretcoatings.com](http://www.topsecretcoatings.com).