

TOP SECRET COATINGS

INSTRUCTIONS FOR APPLYING EXP FAST DRYSYSTEM (TS-840)

This information has been prepared for use with The EXP Fast Dry Floor Coating System on properly prepared surfaces. EXP is intended to be used with chips and one or more coats of Urethane Clear. 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% and 4 ILBS hydrostatic pressure. 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. 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 tile and all existing coatings before application. When using over repair materials, tile, stain or finishes 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. APPLY EXP BASE COAT: TS-4985 EXP is self priming so primer is not required. Stir with a high speed mixer for one minute. Dilute with TS-605 Thinner only as needed. Hand brush the edges then roll coat the remaining area. Apply evenly avoiding heavy build up and overlaps. Immediately (within 5 minutes) broadcast chips evenly onto the still wet surface or adhesion window may be lost. Proceed until entire area has been treated evenly. Allow to stand a minimum of 2 hours before applying clear coat. Recommended WFT (Wet Film Thickness) is 4 mils per coat. Urethane clear coat (step 3) is required to seal in and protect the chips. EXP must be over-coated in within 48 hours.

3. APPLY CLEAR COAT: Stir Urethane Clear A&B components together thoroughly. We recommend using a 1/4" – 3/8" non-shedding or wool roller cover. Apply evenly avoiding heavy build up and overlaps. Correct wet film thickness is 3 mils. One or two evenly applied coats of clear urethane may be applied depending on individual requirements. Warning: Too heavy application may result in unwanted amber resin color! Do not apply below 50F or above 85F, in hot direct sunlight or above 75% humidity. Let stand 12 hours before allowing foot traffic on the new surface and 72-96 hours before allowing motorized traffic. Actual times may vary. Do not allow moisture on new surface for 48 hours minimum.

NOTE: Dry and cure time vary with the weather, temperature, ventilation, thickness of application and color. Allow extra dry and cure time for dark colors. 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 8 AM to 5 PM PST. See us online at: www.topsecretcoatings.com.