

Top Secret Paint and Coatings

APPLICATION INSTRUCTIONS FOR TS-200 MONO EPOXY (TS-820)

This information has been prepared for use with The Mono Epoxy Floor Coating System 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. Do not use under 50F, outdoors 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 rougher surfaces. All applications will require the removal of all grease, oil, glue and contaminants 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 Limited Warranty 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 contaminants 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 COLOR COAT(s): Stir Mono Epoxy with a high speed mixer for one minute. Dilute with TS-101 Thinner only as needed. Where desired add TS-160 A/H, stir again thoroughly. Hand brush the edges then roll coat the remaining area. Apply evenly avoiding heavy build up and overlaps. Recommended WFT (Wet Film Thickness) is 4 mils per coat. Allow to stand 5-7 days before applying next coat.

NOTE: If using chips broadcast them evenly onto the still wet surface within 5 minutes for best dhesion. Proceed until entire area has been treated equally. Mono \Epoxy clear coat (step 3) is required to seal in and protect the chips.

3. APPLY CLEAR COAT: Allow 5-7 days minimum before moving forward with clear coat. Stir Mono Epoxy Clear thoroughly. Where desired add ½ pint TS-160 A/H to one gallon of Mono Epoxy. Dilute with only as needed. Stir again thoroughly. Hand brush the edges then roll coat the remaining area. Apply evenly avoiding heavy build up and overlaps. Recommended WFT (Wet Film Thickness) is 4 mils per coat. Allow to stand 48 hours before allowing foot traffic on the new surface and a minimum of 14 days before allowing motorized traffic. Do not allow moisture on surface for 48 hours minimum. Actual times may vary.

NOTE: Never apply to substrates exceeding 10% MC or 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 temperatures. 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.