

TOP SECRET COATINGS

APPLICATION INSTRUCTIONS FOR AQUAPOXY (TS-905)

This information has been prepared for use on properly prepared surfaces. Allow new concrete to cure 28 days. We recommend establishing the accurate vapor transmission in the substrate to avoid moisture related problems. The maximum amount of hydrostatic pressure for all surfaces is 4 LBS. 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 80% 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 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:** Aquapoxy is self priming so the use of Aquapoxy Primer (TS-910) is optional; it is typically used where higher film build is desired. Stir Primer A&B components with a high speed mixer for two minutes, allow to stand 20-30 minutes stir again for one minute. Brush the edges and roll coat the remaining area. 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 Aquapoxy (TS-905) A&B components with a high speed mixer for two minutes, allow to stand 20-30 minutes, stir again for one minute. Brush the edges and roll coat the remaining area. Apply evenly avoiding heavy build up. Always keep a wet edge when rolling. Move on to step 4 within 6–48 hours or sand between coats. **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. Aquapoxy Clear coat (step 4) is required to seal in and protect the chips.

4. **APPLY TOP COAT:** Stir and apply Aquapoxy top coat (TS-905 color or clear) as outlined in step 3. Let stand a minimum of 12-24 hours before allowing light foot traffic and 72-96 hours minimum before allowing motorized traffic on the new finish. Do not allow moisture on surface for 48-72 hours. Actual times may vary.

NOTE: Extremes in temperature may require thinning with water. Never apply coatings on substrates exceeding 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.