



PRECISION COATINGS

Guidance

Application and Maintenance of Precision's SlipShield 1000

SlipShield 1000 is a slip resistant sealer that can be applied to interior and exterior tile, polished stone, polished concrete, coated flooring, metal decking and selected interior wood substrates to improve slip resistance in both dry and wet environments. SlipShield 1000 is an extended lifecycle weatherable sealer that creates a consistent polymeric structure throughout the film. This polymeric structure provides slip resistance as long as the film remains on the surface of the substrate, whether new or worn, through several years of traffic. SlipShield 1000 is available in both clear and solid coats in gloss, semi-gloss, satin, eggshell and matte finishes. SlipShield 1000 clear provides a weatherable, ultra-violet resistant surface that allows the uncompromised structure and beauty of tile, polished stone and polished concrete to show through while slip resistance is increased for improved safety.

Application

SlipShield 1000 is designed to be applied by a professional coating applicator. It is recommended to be applied by floor coating applicator pad. Floor applicator pads and coaters that are designed for solvent based epoxies and urethanes are recommended as they provide a smooth, uniform finish. Pad applicators provide an excellent means to apply a uniform coating of SlipShield 1000 on the substrate by aiding in eliminating orange peel, bubbles and roller tracks often caused by other application methods including application by roller. The lint free nature of most pads applicators also eliminates the possibility of shedding that may result with the use of a roller. If a roller is used, it is recommended that a 3/16" or 3/8" nap phenolic core roller cover be employed that is shed resistant and designed for solvent based epoxies or urethanes. SlipShield 1000 should be applied wet in one coat to achieve 3 mils to 5 mils film thickness.

When applying SlipShield 1000 with a gloss sheen level to very smooth interior surfaces such as polished concrete, stone or marble, it may be necessary to polish SlipShield 1000 to achieve a lint and dust free surface due to the fact that dust and other debris may become imbedded on the SlipShield 1000 during application and the drying process. After allowing the Slip Shield 1000 to cure 48 hours, abrade SlipShield 1000 using 1500 grit diamond impregnated pads with a high speed burnisher. Then polish SlipShield 1000 using a liquid polishing compound (silicone free) with a wool floor pad at 1200 rpm using a high speed burnisher. After final polishing, damp mop to remove all excessive dust and debris.

Do not abrade or polish SlipShield 1000 with sheen levels less than full gloss.

If added slip resistance is desired, Precision's SlipShield Aggregate may be added to SlipShield 1000. SlipShield Aggregate is designed to improve the slip resistance of the substrate. While continually stirring, add SlipShield Aggregate at the rate of 3.2 oz. per gallon kit or 16 oz. per five gallons. Additional SlipShield Aggregate may be added but should not exceed 8 oz. per gallon. Stir while adding SlipShield Aggregate to the SlipShield 1000. The product may float at first, but once the aggregate wets out, it will mix well. Occasionally stir during application to ensure that the aggregate remains suspended in the

SlipShield sealer. When SlipShield 1000 is being applied with SlipShield Aggregate, a roller application works best.

Prior to the actual application of SlipShield 1000, the technical product data sheet should be reviewed. The substrate must be dry and free of dirt, dust, lint, grease, oil, wax and other contaminants. SlipShield 1000 has a low medicinal odor during application. Areas sealed with SlipShield 1000 can be returned to light to moderate pedestrian traffic service in 24 – 48 hours at 70 degrees Fahrenheit.

Maintenance

SlipShield 1000 can be cleaned and maintained with water and a mild non-abrasive detergent cleaner. In order to optimize and maintain its slip resistant properties, SlipShield 1000 should not be waxed.

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9/2011