

Sentry Floor Shield H2O

Description	Sentry Floor Shield H2O is designed, in lieu of waxing, to seal and coat in one step most all types of hard flooring surfaces by providing a durable, thin, molecular coating over the surface which will last approximately 10 times longer than standard wax. This, in turn, provides a low-maintenance, durable surface which resists most stains and scuff marks without the need for waxing.
Surface	Vinyl, Stone, Terrazzo, Wood, Concrete, and Tile.
Solution	Scuffs, acid etching, and food and beverage stains. Eliminates waxing.
Characteristics	<p>Color: Milky Finish: Gloss and Satin Vehicle Type: Water Based Flash Point: (C Pensky-Martens Closed Cup) N/A VOC: less than 100 g/L Weight per Gallon: 10 lb. Breathable</p>
Testing	<p>TESTING and ASTM Abrasion Resistance, D-460, 25 mg loss Adhesion, D-33598, Blush 4 hr. dry/18hr. immersion, N/A, Does not Blush Dry concrete, N/A, Excellent QUV, G-53, 250 hrs. Wet concrete, N/A, Excellent Water Beading, N/A, Beads Water Chemical Resistance (12 hour spot test) ASTM D-1308-87:</p> <ul style="list-style-type: none"> • Transmission fluid, No Effect • Gasoline, No Effect • Formula 409, No Effect • Motor oil, No Effect • Brake fluid, Softens/recovers • 10% Hydrochloric Acid, No Effect • 10% Sulfuric Acid, No Effect • Red Wine, No Effect • Vinegar, Blemish/repairable • Pencil Hardness, D-3363, 5H • Hot Tire Pick-up, Passed*
Coverage	Coverage: 200 to 1000 Sq. Ft. /Gal. (approximate) Coverage will vary depending on applicator, the porosity, and texture of the substrate.
Surface Preparation	Before applying Sentry Floor Shield H2O, make certain the areas to be coated are completely clean of oils, dirt, and scuff marks, and any loose tiles or sheet vinyl are re-glued and in sound condition. Use Sentry Step #1 Cleaner for Painted Surfaces .
Application Instruction	<p>Test Area Always test Sentry Floor Shield H2O in an inconspicuous location to ensure adhesion and that the desired look is achieved.</p> <p>Application Once surface has been properly cleaned and prepared, mask off any adjacent surfaces to avoid accidental coating. Inspect and clean one more time to make certain no contaminants got on floor after masking. Shake the contents thoroughly to suspend the Nano particles that have settled to the bottom. Make certain to re-shake every 15-20 minutes to ensure proper suspension of the</p>

	<p>Nano particles throughout the project. Apply between 50°F and 90°F ambient and substrate temperature. This product can be applied with a pump sprayer or mopped on with microfiber applicator.</p> <p>Pump Sprayer Shake the Sentry Floor Shield H2O thoroughly in the container to suspend the Nano particles that have settled to the bottom before pouring into sprayer. Make certain to re-shake every 15-20 minutes to suspend the settling Nano particles to ensure proper performance. Using an SP brand acetone/alcohol proof pump sprayer or equivalent, install red fan tip on the wand, as this provides the most even application. The SP sprayer is equipped with a valve stem like on a car tire. It is recommended to keep an even amount of pressure while spraying in order to keep a consistent look. We recommend hooking up a compressor and air hose with a quick release to the valve stem on the SP sprayer and then supply the SP sprayer with a constant 25-30 PSI. Apply with pump sprayer, then dampen (not wet) a microfiber mop to spread the material directly behind the sprayer. Pull the coating very thin with the mop. Maintain a wet edge between passes. This will provide an even flow and finish. This product should go on thin and never allow ponding. It is always best to spray on a few mock ups to get the feel of applying this product before attempting an actual project. Be careful not to apply too thick or allow the product to puddle as this will cause too much surface tension and possible bubbles or delimitation. You can apply a second coat 2 hours later if desired. For more luster, buff with sheepskin or white buffing pad 3-4 hours after application.</p> <p>Microfiber Applicator Pour Sentry Floor Shield H2O in small puddles on the floor surface, then, using a slightly water dampened microfiber mop, spread the coating very thin over the surface, leveling it as smooth as possible. It will continue to self-level as it dries. You can apply a second coat 2 hours later if desired. For more luster, buff with sheepskin or other white buffing pad 3-4 hours after application.</p>
Dry Time	<p>Drying Time (@ 77 F, 50% RH): Drying time is temperature, humidity and film thickness dependent. Touch: 1-2 hour Through: 3-4 hours for light foot traffic Full Cure: 3 Days</p>
Interruption of Work	<p>Upon drying, treated surfaces may appear similar to untreated surfaces. It is possible areas could remain untreated if work is interrupted. It is advisable to stop application on a corner joint or any other obvious marker so the applicator can begin where the application had previously ceased.</p>
Clean Up	<p>Clean tools and flush equipment with water thoroughly immediately at the conclusion of application.</p>
Caution	<p>Always wear OSHA approved 1910.134 and ANSI Z88 2 respiratory protection. Fresh air and exhaust should be provided in enclosed work areas. If inhaled, remove affected person to fresh air and call physician immediately if physical difficulties occur. Wear butyl-rubber gloves and other skin protection to avoid contact. In the event of contact with skin, wash skin thoroughly with soap and water. Chemical safety goggles or splash shields are required. Do not wear contacts without eye protection. Immediately flush eyes with water for 15 minutes after contact and get medical attention. If accidentally swallowed, rinse mouth thoroughly and obtain immediate medical attention. (In enclosed areas, make sure to have an observer watching the applicator for any signs of physical distress.)</p>
Care & Maintenance	<p>Mop periodically with plain water. Use Sentry Step #3 Safe Clean in extra dirty areas, then rinse with fresh clean water and mop dry. Never use vinegar to clean the finish as, over time, this will break down the coating. If paint or ink get spilled onto coating, simply use, Sentry Step #3 Safe Clean, then rinse with fresh clean water and dry with mop. Although Sentry Floor Shield H2O is scratch resistant, it is not scratch proof. Do not use abrasive cleansers or abrasive scouring pads. If an area gets damaged or is mechanically abraded, just reapply over damaged area with microfiber applicator. No stripping no sanding needed. When surface needs reapplication, simply clean floor and reapply.</p>

Warranty	Limited 1 Year Sentry Molecular Coatings Inc. guarantees Sentry Floor Shield H2O to be defect free and any material that is proven to be defective will be replaced in a like quantity by the manufacturer with proof of purchase, and provided it has been applied according to the instructions on container and data sheet along with other related guidelines posted at SentryMolecularCoatings.com. Warranty does not cover wear and tear. Sentry Molecular will provide 100% replacement of sealer for the one (1) year from the date of first purchase at no cost to the purchase. This warranty only extends to the owner of the property upon which the product is applied and is non-transferable. Any warranty claim must be made in writing and sent to Seller with supporting materials and access to the property for inspection and testing as requested by Seller. Seller will thereafter provide replacement product for product found to be defective. This warranty is given in lieu of all other warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. The remedy stated herein is an exclusive remedy and Seller shall not be responsible for any other damages, including labor or any incidental, consequential, special or punitive damages, whether based on breach of express or implied warranty, negligence, strict liability or other legal theory.