

SEALSTEEL CSS

SILICONE ACRYLIC

WATER REPELLENT CONCRETE

STAIN & SEALER

DESCRIPTION

EnviroSpec SEALSTEEL CSS SILICONE ACRYLIC WATER REPELLENT SEALER is an extremely durable, deep penetrating solvent-based Water Repellent sealer for use on concrete driveways, garage's , walkways, dumpster areas, pool decks, patios, vertical block, split face block, masonry walls, and any other concrete and masonry surface that needs protection and beautification. The very unique formulation of SEALSTEEL CSS allows for deep penetration into concrete to give very long lasting color and protection. Old, stained, unsightly surfaces are easily transformed into very attractive like new concrete. SEALSTEEL CSS is formulated to be resistant to ultraviolet rays, oil, grease, driving rains, and pick-up from hot tires. The water repellent qualities will help prevent spalling and cracking, and inhibit mold and mildew from forming.

USES

- CONCRETE, BLOCK AND MASONRY SURFACES
- HORIZONTAL AND VERTICAL SURFACES
- CONDOMINIUM AND APARTMENT WALKWAYS

FEATURES

- PENETRATES & SEALS
- EXCELLENT EXTERIOR DURABILITY
- WEAR RESISTANT
- RESISTANT TO HOT TIRES

PREPARATION

· **NEW OR UNPAINTED CONCRETE**—Make sure concrete is sound and not crumbling. All surfaces to be painted must be free of dirt, dust, oil, grease, mold and mildew, curing compounds & sealers, and any other contaminants must be removed from the surface and pores of the concrete to insure that the stain has good contact with the substrate. Oil & grease should be scrubbed clean with a detergent or trisodium phosphate diluted in water. Mildew should be killed with bleach. Best results will be obtained with additional pressure cleaning. New or bare concrete should be etched with muriatic acid(1 part acid & 2 parts water). Allow acid solution to react for 15-20 minutes on the surface. Do not allow the solution to dry out. Smooth trowelled concrete must be etched until a 120-220 grit sandpaper-like feel is obtained. Etching opens up the pores of the concrete to allow penetration of the stain. Concrete should then be thoroughly pressure washed or rinsed thoroughly with water and allowed to completely dry (24 hours min.) before staining.

NOTE: All new concrete should be allowed to cure for 45 days before applying stain.

· **OVER OLD PAINT**—may be applied over most xylene based acrylic stains if they are firmly bonded to the surface(a small test patch is recommended). Make sure they are free of any contaminants—follow cleaning directions for new concrete. Sealsteel CSS will not adhere satisfactorily to epoxies, polyurethane's, alkyds, water-based floor paints, silicate sealers, curing compounds, membranes, surface hardeners, etc.

APPLICATION

· Apply with roller, spray, or brush, work the coating into the surface to prevent penetration bubbles. Stir contents thoroughly to assure even mixture of pigments and resins. Apply at a rate of 100 to 250 square feet per gallon depending on profile and porosity of surface. *Work the sealer into the concrete surface thoroughly to avoid penetration bubbling.* For most applications, two coats are recommended. May be re-coated in 12 hours under good drying conditions.

LIMITATIONS

- Do not apply when air or surface temperatures exceed 90F or lap marking/bubbling may occur.
- Do not apply to wet or damp concrete. Excessive moisture in the concrete will inhibit The penetration of the stain and cause improper curing. Flaking or lifting of the stain may later occur.
- Do not apply when it may rain or if dew may condense on the surface before paint will have a chance to dry.
- Allow for slow drying during cold weather and high humidity.
- Resistance to oil and grease, and most household and pool chemicals; but gasoline will soften the coating. If gasoline is spilled, allow it to evaporate rather than wiping up—the coating will then recover and harden. Also note that muriatic acid and concentrated bleach may cause some discoloration and should be rinsed off immediately.
- Do not apply over previously coated or new stamped concrete. Stamped concrete is usually put down with form oils, hardeners, silicate sealers, waxes, polyurethane clears and stains. All or any of these will cause adhesion problems.

TECHNICAL DATA(varies with color)(data is for white)

SOLIDS/VOLUME	27% depends on color
SOLIDS/WEIGHT	44 % depends on color
COVERAGE	100-250 sq. ft./gal depending on porosity and texture of substrate
CLEAN-UP	Xylene or Toluene
VOC CONTENT	Less than 600 gpl / 5.0 lb/gl
ODOR	Solvent Odor
APPEARANCE	Matte finish-Colors / Gloss finish-Clear
LIGHT STABILITY	Excellent
DURABILITY	Excellent
ABRASION RESISTANCE	Excellent
GASOLINE RESISTANCE	FAIR
CHEMICAL RESISTANCE	Good - Avoid strong cleaners/degreasers
WATER RESISTANCE	Excellent
BONDING	Very good
AIM CATAGORY	Water Repellent Sealer

MEETS OR EXCEEDS THE FOLLOWING TEST METHODS

<i>G-23-F</i>	<i>2000 HRS</i>
<i>TT-C-555b</i>	<i>NO EFFECT</i>
<i>ASTM E 96-66</i>	<i>.0001 PERMABILITY</i>

CAUTION:

BE AWARE THAT SOME STAINED PEDESTRIAN SURFACES MAY BECOME SLIPPERY WHEN WET. IF THIS STAIN BUILDS ON A HORIZONTAL OR SLOPED SURFACE OR IS APPLIED OVER OLD PAINT OR STAIN, THIS COATING MAY GET "SLICK" WHEN WET. IF THE SURFACE HAS NOT ALREADY BEEN TREATED TO REDUCE SLIP HAZARDS, SAND OR OTHER GRITTY MATERIAL SHOULD BE ADDED TO THIS PRODUCT BEFORE OR DURING APPLICATION TO REDUCE THIS CONDITION. IT IS THE SOLE RESPONSIBILITY OF THE APPLICATOR OR OWNER TO DETERMINE THE SUITABILITY AND SAFETY OF APPLYING THIS PRODUCT IN AREAS OF PEDESTRIAN TRAFFIC.

**CAUTION: DO NOT TAKE INTERNALLY. CLOSE CONTAINER AFTER USE.
KEEP OUT OF THE REACH OF CHILDREN.**

A Product of: **EnviroSpec**

A Division of: **Hi-Tech Jetting Technologies, Inc.**

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LIMITATION OF LIABILITY: The Manufacturer and/or the Seller warrants that if any goods supplied prove defective in workmanship or material, that Manufacturer and/or Seller shall replace them or refund the purchase price. This warranty is made in lieu of any and all other warranties expressed or implied. Before application, the User shall determine the suitability of the product for his intended use and User assumes all risks and liabilities whatsoever in connection therewith. Under no circumstances shall the Manufacturer and/or Seller be liable for incidental, consequential or other damages for alleged negligence, breach or warranty, or strict liability arising out of use or handling of this product. The sole liability of Manufacturer and/or Seller for any claims arising out of the use of sale of the product shall be for the User's purchase price.