



StoneSeal™

Data Sheet

Part # SSEAL, SSEAL-VOC

DESCRIPTION: Concrete Solutions® StoneSeal™ is a single component, clear acrylic formulation developed to provide a hard, glossy, protective topcoat used to beautify and protect StoneCrete™ tiles, regular concrete, stamped concrete, exposed aggregate and other masonry surfaces. It is easy to apply, fast drying, ultraviolet stable, non-yellowing under extreme exposure and provides a tough, durable, ultra clear finish with excellent abrasion, chemical and stain resistance. It is available in two versions, regular and VOC compliant for areas with strict VOC laws such as in Arizona and California.

TYPICAL USES: StoneSeal is used indoors and outdoors on driveways, patios, pool decks, sidewalks and interior floors where a long lasting, tough, stain resistant finish is desired. StoneSeal is the most commonly used sealer over the Concrete Solutions StoneCrete Tile System, Roll-Top System and ¼" Stamping System and can also be used to seal and protect exposed aggregate surfaces to provide a wet-look appearance. It is sometimes mixed with antiquing powders to add color or antiquing to StoneCrete tile or stamping applications.

FEATURES & BENEFITS:

- Non-yellowing protective sealer
- Fast drying
- Stain resistant finish
- Easy to apply

CHEMICAL PROPERTIES:

	Result
Solids by Weight	28%
Volatile Organic Compounds	580 g/l : 400 g/l (VOC version)
Recoat	30 – 60 min
Dry to Touch at 70°F	30 – 60 min
Walk on Time (light foot traffic)	4 – 6 hrs
Coverage Rate per Gallon	200 – 300 sqft
Recommended Application Temperature	≥50°F (≥10°C)
Color	clear

TYPICAL PHYSICAL PROPERTIES:

	Result
Adhesion to concrete	concrete fails before sealer
Tukon Hardness	16

MOISTURE VAPOR TESTING: All concrete floors not poured over a proper moisture barrier, are subject to possible moisture vapor transmission or hydrostatic pressure problems which can cause a coating system to blister or fail. Before applying a coating system over a concrete floor which is on-grade or below grade, the customer should be informed of this potential problem and given the option to have a qualified moisture testing company perform calcium chloride test to give the proper recommendations.

SURFACE PREPARATION: The surface must be clean and sound, free from oil, dirt, waxes and any other contaminants that may interfere with bonding. The most common method is: scrubbing with detergent, acid washing, neutralizing and pressure washing. Existing coating materials should be removed, or if in good condition sanded with a floor polisher machine with a sandpaper attachment and 80 grit sandpaper to lightly scratch and dull the surface. Note: Going over existing coatings is up to the discretion of the applicator. It is not recommended to apply it over concrete with curing or sealing membranes. (See Concrete Solutions Training Manual for more detailed information.)

APPLICATION INSTRUCTIONS: Mix the first coat of StoneSeal 1 to 1 with acetone (where local laws permit). Apply in a thin, even coat using a Chapin 19249 acetone resistant dripless pump-up sprayer. It is not recommended to roll StoneSeal. Allow the first coat to dry for 1 hour or more. Apply the second coat thinned 2-3 parts of StoneSeal to 1 part acetone. For slip resistance, add Shark Grip powder to the sprayer according to the instructions on the bottle. Shark Grip is only needed in the second coat. For added slip resistance use slip guard granules #80.

MAINTENANCE: StoneSeal can be cleaned with a light detergent and water. For interior floors, the sealer can be protected and maintained using a floor finish. For exterior applications, StoneSeal should be re-applied every 18 – 24 months to maintain the finish. To reseal, clean the surface with a floor scrubber and detergent and pressure wash to rinse. Let the surface dry completely, then apply one coat of StoneSeal diluted 10 – 25% with acetone.

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CONCRETE SOLUTIONS® STONESEAL™ (continued):

NOT RECOMMENDED FOR: Do not use on exterior flagstone, sandstone or slate. It is not recommended to apply it over concrete with curing or sealing membranes.

SUBSTRATES: StoneCrete™ tiles, poured concrete, stamped concrete, exposed aggregate and other masonry surfaces

HOW SUPPLIED: StoneSeal is packaged in one gallon and five gallon pails.

SLIP/FALL PRECAUTIONS: StoneSeal can become slippery when wet especially on smooth surfaces. It is up to the end user's responsibility to determine the suitability of the StoneSeal for their particular application. Slip resistant granules such as glass beads or #80 – 100 white aluminum oxide granules can be incorporated into the wet StoneSeal to provide whatever degree of slip resistance is necessary. Rhino Linings Corporation will not be responsible for injury incurred in a slip/fall accident.

WARNING: StoneSeal is combustible and should be kept away from open flames. Turn out all pilot lights. Wear the proper breathing mask in areas with poor ventilation. Read Safety Data Sheet before using. For professional use only!

SAFETY PRECAUTIONS: Health Considerations: Consult the Rhino Linings® Safety Data Sheets (SDS)

Chemical systems require the use of proper safety equipment and procedures. Please follow the Rhino Linings® product SDS and Safety Manual for detailed information and handling guidelines.

For Your Protection: The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning the products and their uses, applications, storage and handling are only the opinion of Rhino Linings Corporation. Users should conduct their own tests to determine the suitability of these products for their own particular purposes and of the storage and handling methods herein suggested. The toxicity and risk characteristics of products made by Rhino Linings Corporation will necessarily differ from the toxicity and risk characteristics developed when such products are used with other materials during a manufacturing process. The resulting risk characteristics should be determined and made known to ultimate end-users and processors.

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