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# RUSSTECH<sup>®</sup>

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## SILICASEAL - W

**SILICONE, WATER-BASED,  
VOC-COMPLIANT, SEALER  
FOR CONCRETE**

### DESCRIPTION:

A proprietary polymerized solids in a water-based V.O.C. compliant system, ready-to-use liquid that reacts with the free lime in concrete to form an insoluble crystal within the concrete pores to help repel water, de-icing salts and to seal, harden and dustproof concrete surfaces.

### ADVANTAGES:

**SILICASEAL - W** is a transparent compound that:

- Aids in minimizing efflorescence, scaling and staining
- Reduces deterioration of concrete and masonry surfaces by helping to protect against freeze-thaw damage
- Keeps masonry cleaning costs to a minimum and protects with one application

### APPLICATION:

**SILICASEAL - W** gives the concrete a hard, dust free surface that resists staining and bonds securely with paint and resilient flooring mastics with the proper application. It is recommended for interior or exterior use on vertical and horizontal surfaces. It is ideal for industrial and commercial applications.

**SILICASEAL - W** should be used as an effective above grade barrier against the penetration of water when applied to the following:

- Brick
- Exterior pavements
- Mortar
- Concrete block
- Concrete floor slabs
- Concrete tilt-up panels
- Walls and columns

**SILICASEAL - W** should not be applied when the temperature is below 45 F (7 C).

**SILICASEAL - W** is ready to use as received. Apply it in a continuous, uniform film with a hand sprayer or short-nap roller. Material may be spread evenly with a squeegee.

### NEW CONCRETE:

After allowing a minimum of 24 hours for the concrete to cure, surfaces must be free from moisture prior to and after application.

### OLD CONCRETE:

Make sure surface is clean and dry. Remove all wax, grease, and old curing compound. Surface must be free of old coatings to allow proper penetration.

Apply **SILICASEAL - W** in a light, even coat, without puddles. Multiple coats may be required on heavier dusting concrete floors. Application equipment and tools clean up quickly with cold water.

### COVERAGE:

**BROOMED SURFACES** ... Approximately 150 sq. feet per gallon (7.36 m sq. / liter).

**TROWELED SURFACES**... Approximately 200 sq. feet per gallon (12.27 m sq. / liter).

## **PRECAUTION:**

**SILICASEAL - W** is highly alkaline. Goggles and rubber gloves should be worn. Avoid the use of aluminum pumps, piping and application equipment. Protect shrubs, grass and other vegetation from silicone solutions. **DO NOT LET PUDDLE.** If accidentally sprayed or spilled on glass, aluminum, or painted surfaces, etc., immediately wash from surface with clean water. If white crystals start to form on concrete surface, flush immediately with water and brush away with a medium bristle broom. Do not over apply on machine-troweled surfaces. Prohibit traffic until surface dries completely. **KEEP FROM FREEZING.**

## **PACKAGING:**

1-gallon containers, 5-gallon pails, 55-gallon drums.

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