

# DWS

## DESCRIPTION

DarCole Water Silicaseal is a proprietary polymerized solids in a water-base 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 dust-proof concrete surfaces.

## ADVANTAGE

DarCole Water Silicaseal 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 cost to a minimum and protects with one application.

## PHYSICAL DATA

Clear Liquid, low viscosity

## APPLICATION

DarCole Water Silicaseal 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. For 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. For 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. DarCole Water Silicaseal 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. Apply DWR 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. CarCole Water Silicaseal 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. DarCole Water Silicaseal should not be applied when the temperature is below 45F.

## COVERAGE:

On broomed surfaces, approximately 150 sq. feet per gallon (7.36 m sq./liter). On troweled surfaces, approximately 200 sq. feet per gallon (12.27m sq./liter).

## PACKAGING

DarCole Water Silicaseal is available in 5 gallon pails.

## PRECAUTION:

DarCole Water Silicaseal 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.**

## DISCLAIMER

To the best of our knowledge, the information provided in this publication is reliable. Users should make their own tests to determine the suitability of these products for their own particular purposes. Darcole Products, Inc. makes no warranty of any kind, express or implied, including those of merchantable and fitness for purpose. The responsibility of DarCole Products, Inc. for claims arising out of breach of warranty, negligence, strict liability, or otherwise are limited to the purchase price of the materials.



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