



Specification Data for Single Seal/ Freeze Protect

NOTE: Single Seal / Freeze Protect™ is formulated for use with a concrete mix of **NO LESS than 8 to 13% cement.**

Test Data:

Single Seal/ Freeze protect will meet and/or exceed the following ASTM test:

ASTM S2939	Resistance to Water Solubility	Flexibility no Cracking	
ASTM D466	Resistance to water flow and action	Excellent Adhesion	No Re-emulsification
ASTM E96	Water Vapor Transmission - .04 grains/sq ft/hr.	Water Vapor permeability - .102 perms	
SS-W-110 C	Water Repellency on Masonry Test		
ASTM C672	Freeze/Thaw		
ASTM C309	Has moisture retention properties		
ASTM C836	Film Thickness on Vertical Surface		

Limitations:

Only apply Single Seal/Freeze Protect to intended material. Tape or cover all others. Single Seal/Freeze Protect will etch glass and aluminum which cannot be reversed. If Single Seal/Freeze Protect comes in contact with any unintended surface or material, flush immediately with water

DO NOT LET PRODUCT FREEZE. Store indoors at temperature above 32 degrees Fahrenheit. The temperature must be 28 degrees Fahrenheit and rising before application.

Do not Dilute Single Seal/ Freeze Protect. Do not apply when the threat of rain is imminent. Do not apply on glazed tile, slate, glazed brick construction, acrylics, or painted finishes. Do not use on hydrophobic colored and/or dyed concrete. Single Seal/Freeze Protect will not plug holes or cracks. Cover all doors and glass openings to ensure product does not come in contact with them. Use caution when applying on windy days. Single Seal/Freeze Protect is not designed to be used as a waterproofing coating to stop moisture penetration caused by cracks or holes in surface.

Effects of deicing salts on sealer:

Deicing salts have no direct effect on sealers. In fact, concrete sealers of any type have been proven to increase the lifespan of salt-treated concrete three to five times. Inhibits deicing salt attack.

KEEP OUT OF THE REACH OF CHILDREN

Applications:

Single Seal/Freeze Protect can be applied to Basement Walls & Floors, Foundation Footings, Top of Foundation Wall, Garage Floors, Concrete Slabs, Concrete slabs where Floor covering will be used, Sidewalks, Walkways, Driveways, Patios, Concrete Pavers, Brick, Stucco, Existing concrete, Fountains, Mechanical & Equipment Rooms, Gunitite & Shotcrete Pools, Parking Structures, Parapets & Columns, Water & Waste Water Facilities, Concrete Roads & Highways, and Nearly All Other Cementitious Material.

The use of Single Seal/Freeze Protect in no way eliminates the need for properly designed and installed drainage systems around the foundation nor eliminates the need for use of other materials/water control systems as required by local building codes.

NOTE: Always perform a job site test to insure desired results.

Coverage: Approximately 150-300 sq ft depending on substrate properties such as porosity, density, age, and formulation.



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NOTE: Always perform a test of Single Seal/Freeze Protect on a small, inconspicuous area of the intended substrate prior to commercialization. After Single Seal/Freeze Protect has dried on the concrete or masonry substrate, apply water to substrate to see if the sealer repels water. If water repels, continue with the application. If water absorbs into substrate and does not repel water, do not continue application. Call your local representative for additional information.

Preparation:

Repair all structural deficiencies before applying. Cover all areas or surfaces not to be sealed, such as doors, windows, and floors prior to applying. Concrete tie locations below grade that creates holes or recesses into the wall should be sealed with an approved material or method.

Application:

Apply Single Seal/Freeze Protect without dilution with by roller, brush, as well as sprayer. For spraying application, depending upon sprayer equipment used, it is recommended that a fan tip be used that matches best with the equipment you are using to create an even mist without drips or uneven output. **Apply to intended material until saturated, not to point of refusal (soaked). Do not allow product to puddle. Do not over apply, as a white chalky residue may result after drying.** Apply an even, mist like, thin coat. Do not puddle on horizontal surface, or have liquid running down a vertical surface. Do not interrupt application process until area is completely treated. Only one application is necessary.

Equipment cleans up easily with soap and water.

Warranty:

Single Seal/ Freeze Protect is warranted as specified for a period of 1-5 years depending on the application, environmental conditions, substrate, user application, and any indirect or direct factor that is not directly related to product being defective. Manufacturer warrants the product to be good quality and will replace or refund the purchase price of any product proven defective. It is the responsibility of the buyer to determine that this product meets their needs and apply it properly. Satisfactory results depend not only upon quality product, but also upon many factors beyond Professional Products Direct. PPD's and Manufacturer's warranty of this product, when used according to directions is limited to refund of purchase price or replacement of the product if it is proven defective. Professional Products Direct and manufacturer shall not be liable for the cost of labor, direct or incidental consequential damages.

Coverage:

On concrete approximately 300 sq ft per gallon

On masonry block approximately 150 sq ft per gallon

NOTE: Coverage rates may vary due to factors of such as porosity, density, age, and formulation of the substrate.

Maintenance:

No maintenance required

Technical Services:

Technical advice furnished by Professional Products Direct covering any use or application of Single Seal/Freeze Protect is reliable as current technology allows. Professional Products Direct makes no warranty, expressed and/or implied of any use of application for which such advice is furnished.

Have any questions? Call us at (888) 384-9042 any time or contact us online at info@professionalproductsdirect.com. visit our webpage www.professionalproductsdirect.com