

Water Shield H2O with Stain Guard

Water-repellent and Stain Protector

160

USE:

ICT Water Shield H2O with Stain Guard (160) is a breathable, water-based, penetrating, water repellent designed to be used on natural stones, concrete, and other properly prepared masonry surfaces. *Water Shield H2O with Stain Guard (160)* acts as a protective shield against staining, simplifies maintenance & cleaning, and disallows deterioration of the substrate caused by water presence & contaminants carried by water, however, *Water Shield H2O with Stain Guard (160)* does not change the color characteristics of the substrate being treated. Also available in *Water Shield H2O (161)* which does not contain the same resistance to staining as *Water Shield H2O with Stain Guard (160)*.

DESCRIPTION:

ICT Water Shield H2O with Stain Guard (160) is a clear drying water-repellent that will not change the substrate's color properties. *Water Shield H2O with Stain Guard (160)* has been specially formulated to be the ideal option for natural stones that must allow moisture to escape without allowing moisture the reenter through the non-film-forming barrier created by the proper installation of *Water Shield H2O with Stain Guard (160)*. By disallowing the penetration of moisture, *Water Shield H2O with Stain Guard (160)* will also help against other complications cause by the presence of water such as efflorescence, staining, spalling, and some cracking. *Water Shield H2O with Stain Guard (160)* does not create a film over the surface and will not make the surface any more slippery than before application of *Water Shield H2O with Stain Guard (160)*. *Water Shield H2O with Stain Guard (160)* will keep surfaces beautiful and protected through years of use.

CHARACTERISTICS AND TECHNICAL DATA

<u>Liquid Properties</u>	<u>Test Results</u>
Weight/Gallon.....	8.38 lbs./gal.
Active substance.....	Oleophobic compound
Gloss.....	No Gloss
Flash Point.....	212°F
Appearance Wet.....	Slightly yellow
Appearance Dry.....	Clear
Coverage/Gallon.....	75—300 sq. ft. per gal.
Clean Up.....	Warm Soapy Water
Dry to touch.....	6 hours
Return to Service.....	12 hours
Vehicular Traffic...	24—48 hours
Shelf Life.....	1 year (closed container)
V.O.C (Low Solids Coating).....	< 10 grams/liter

FEATURES & BENEFITS:

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|--------------------------|-------------------------|
| WATER BEADING | ONE-WAY WATER REPELLENT |
| STAIN RESISTANCE | EASY MAINTENANCE |
| LOW V.O.C. | INHIBITS BIO GROWTH |
| EFFLORESCENCE RESISTANCE | PENETRATING |
| BREATHABLE | NON FILM FORMING |

SURFACE PREPARATION:

1. Clean surface thoroughly with *ICT Total Klean (700)* all purpose degreaser and cleaner to remove dirt and oils. It is recommended that you also use a bleach/liquid chlorine solution to remove any visible or microscopic algae or mildew. Rinse thoroughly.
2. If efflorescence is present, it is recommended that you use *ICT Total Prep* according to product directions. This will remove any efflorescence and condition / prepare the surface to receive *Water Shield H2O with Stain Guard (160)*.
3. *ICT Total Etch & Clean (740)* may be used on dense surfaces to aid in surface profile and better penetration. For best results, apply a test area to determine desired etching of the profile.
4. Pressure wash the entire area thoroughly to remove any residual chemicals.
5. Allow surface to dry.

ICT Corporation

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All Innovative Concrete Technology Corp. products are manufactured with the finest raw materials. Shelf life is 2 years from the date of manufacturing when maintained in protected storage of 50°F to 90°F. It is the applicator's responsibility to determine the appropriate use of the product. All recommendations and suggestions are made without warranty, express or implied, since conditions of use are beyond ICT's control. ICT Corp. disclaims any liability incurred in connection with the use of these data or suggestions.

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APPLICATION INSTRUCTIONS:

ICT Water Shield H2O with Stain Guard (160) is a ready-to-use product. It requires no mixing or diluting. Mask to protect any surface near application area that treatment is not desired. Use a brush, roller, pump sprayer with a fan tip to apply to surface. On a clean, cool, dry surface, apply *Water Shield H2O with Stain Guard (160)* making sure to use enough to keep the surface uniformly wet for 1-3 minutes prior to penetration. Any residue that does not soak into the substrate within 15-20 minutes must be manually removed using towels, mops, etc. *Water Shield H2O* will begin to repel water almost immediately but will continue to cure for up to 72 hours. *Note: Water Shield must be applied to a cool, dry surface. If the substrate is in direct sunlight or is excessively hot, hydrate the surface and allow to dry. This will lower the surface temperature and allow for more Water Shield H2O to soak into the substrate.*

ALWAYS APPLY A TEST AREA FOR BEST RESULTS.

COVERAGE:

Coverage will vary depending on porosity and absorbency of surface. *Approx. 75—300 sq. ft. per gallon*

CLEAN UP & STORAGE:

ICT Water Shield H2O with Stain Guard (160) cleans up easily with soap and water. Once material is dry, material cannot be removed. Product should be stored in a cool dry environment. Do not leave in direct sunlight. Keep from freezing.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES. DO NOT BREATHE VAPORS. DO NOT TAKE INTERNALLY. DO NOT STORE IN DIRECT SUNLIGHT. KEEP FROM FREEZING. May enhance color on certain substrates. Apply test area so substrate can be properly evaluated.

NOTE:

DO NOT apply *ICT Water Shield H2O with Stain Guard (160)* when air or surface temperature is below 55°F or is expected to fall to the point before application is dry. Low temperatures and high humidity will effect drying and curing times.

DO NOT apply *ICT Water Shield H2O with Stain Guard (160)* to new cement, mortar or grout. Allow these products to cure for a minimum of 28 days before application.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. This product contains a chemical known to the State of California as a developmental/reproductive toxin.



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Tomorrow's Technology Today



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