

# Water Shades™

(Semi-transparent, Water-based Concrete Stain)

**USE:**

ICT Water Shades™ is an environmentally friendly alternative to concrete acid stains. Designed to enhance the natural look and unique profile of concrete, decorative concrete overlays, or masonry surfaces, ICT Water Shades™ can be used in a variety of different methods to obtain an original, one of kind finish with an artistic edge. Besides new and existing concrete surfaces, ICT Water Shades™ was also developed to work in conjunction with the ICT Texture-Krete 2000 acrylic overlay system, Stamp It 4000 system, and Microtop 5000 system. Whether used alone, over self-leveling cements, or with a decorative acrylic overlay, ICT Water Shades™ is perfect for porches, patios, pool decks, paver stones, and all other properly prepared concrete and masonry surfaces, residential and commercial.

**DESCRIPTION:**

Available in a pre-mixed, ready to stain, one (1) gallon container. ICT Water Shades™ is an acrylic, water-based, semi-transparent, low gloss stain for concrete, decorative concrete overlays, and masonry surfaces.

**FEATURES & BENEFITS:**

- ENHANCES SURFACE & PROVIDES AN ORIGINAL FINISH
- ENVIRONMENTALLY FRIENDLY (UNLIKE ACID STAINS)
- NON-FLAMMABLE: EASILY TRANSPORTED
- NATURAL LOW-GLOSS FINISH: Maintains the appearance of natural stone.
- VERSATILE: Use different amounts and intermix different colors of ICT Water Shades to achieve dozens of color shades.

**SURFACE PREPARATION:**

Prior to application of ICT Water Shades™, the surface must be dry, clean, free of all algae, grease, oil, dirt and all other foreign matter. Acid washing is not recommended, however, if it is necessary to roughen surface, a mild solution of acid may be used, though must be neutralized with sodium bicarbonate (baking soda) upon completion, or ICT Total Etch & Clean may be suitable to simply create a profile on the substrate. Do not sand blast. If existing surface has been previously coated with a waterproofing sealant, a patch test is recommended as prior treatments may prevent staining. ICT Total Super Strip HD (750) may be used to remove previous coating. Follow directions for installation of ICT Texture-Krete 2000, Stamp It 4000, and Microtop 5000 if using the acrylic overlay as a base. New concrete surfaces should be allowed to cure a minimum of 28 days before sealing with ICT Water Shades™. All surfaces should be cleansed (ICT Total Klean, 700-1G, is recommended) and pressure washed prior to application. Allow to dry thoroughly (24 hrs prior to application.).

**MIXING INSTRUCTIONS:**

**Pre-mixed 1G Stain:** DO NOT SHAKE container as shaking may cause air bubbles that may interfere with application and may mar the finished surface. Stir thoroughly. A low-speed drill with paint paddle attachment is recommended for even distribution of solids and colorants.

(cont'd on reverse)

**CHARACTERISTICS AND TECHNICAL DATA**

Liquid Properties	Test Results
Weight/Gallon: PRE-MIXED.....	8.5 lbs./gal.
% Solids: PRE-MIXED.....	22 %
Freezing Point.....	30°F
Installation <u>Surface</u> Temp...	min. 55°F
Coverage/Gallon.....	Up to 300 sq. ft. per gal.
Clean Up.....	Warm Soapy Water
Sheen.....	Low gloss
Dry to touch.....	30 min.
Dry to Recoat.....	4 hours
Dry to traffic...	48-72 hours
V.O.C.....	less than 100 grams/liter

Thickness of material, low temperature & high humidity will significantly lengthen drying time.

**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:

**Standard Application:** After completely preparing the surface and following appropriate mixing instructions, the use of an airless sprayer with a 515 tip or a quality pump up sprayer is recommended for application of *ICT Water Shades™*. **Straining the product before using a sprayer is necessary.** Sponges and rags can also be used for application. DO NOT USE ROLLERS OR BRUSHES as these types of applicators may leave behind undesirable markings. Various other decorative applicators may be used to achieve custom effects, while scoring patterns prior to application can provide unlimited design possibilities. Layering the same color, allowing a minimum of two (2) hours to dry in between applications, will result in a richer tone, while layering different colors will create new and unique custom colors. Any application of *ICT Water Shades™* will seek out the high and low points of the concrete surface being stained, enhancing the natural 'grain' and allowing for a one of kind pattern. The light use of water during application will also aid in variation of colors.

**Using ICT Texture-Krete 2000 system as base:** Using the overlay system as a base has advantages most inherent when renovating an existing concrete surface that has surpassed its age of beauty, or when artistic license calls for the many decorative patterns that can be achieved with the cementitious coating. Follow all instructions for the proper installation of *ICT Texture-Krete 2000, Stamp It 4000, and Microtop 5000 systems*, paying close attention to curing times. The "Standard Application" of *ICT Water Shades™* can be pursued once the overlay has fully cured (a minimum of 24 hours when conditions are perfect). Low temperatures and high humidity will significantly increase drying and curing times. Applying *ICT Water Shades™* should be avoided until base overlay is fully cured as it will seal in any moisture present beneath it, creating problems in the finish.

**Using ICT Color Seal H2O Pro as base:** To achieve a more uniform color consistency with a brighter appearance, *ICT Color Seal H2O Pro* can be used as a base prior to applying *ICT Water Shades™*. This becomes especially advantageous for concrete surfaces that have a noticeable flaw in uniform composition. Perhaps the original concrete mixture was not blended uniformly prior to pouring and has left patches that will absorb the stain more readily than others, or perhaps a large blotch of contaminate remains on the surface causing irregular stain absorption in that area. Applying a thin base coat of *ICT Color Seal H2O Pro* over the whole surface will help the *ICT Water Shades™* stain engage the surface more evenly, leaving behind a more uniform appearance and another artistic deviation from the standard.

**Applying a final coat with one of the ICT Crystal Clear Sealers for lasting protection:** It is recommended once the application of *ICT Water Shades™* is complete, that a final coat of one of the *ICT Crystal Clear Sealers* is applied for superior protection and the easiest maintenance. Refer to the *ICT Crystal Clear Brochure* for the appropriate sealer for your job. Allow the final application of *ICT Water Shades™* to dry for a minimum of 24 hours prior to sealing to avoid the trapping of moisture. *Note: Coated surfaces may become slippery when wet. ICT Diamond Dust should be incorporated in this situation. It is the sole responsibility of the applicator to determine whether a non-skid additive should be used.*

## NOTE:

Do not apply *ICT Water Shades™* when surface temperatures are below 55°F or are expected to fall into that point before initial cure. Thickness of material, low temperatures and high humidity will significantly lengthen drying and curing times. Not for use on wood surfaces.

## COVERAGE:

One gallon of pre-mixed *ICT Water Shades™* will cover up to 300 square feet of surface area. When figuring quantity of material needed for a particular job, be sure to count separately for each additional layer. (ie. double the square footage of the concrete surface for two layers of stain).

## CLEAN UP & STORAGE:

*ICT Water Shades™* cleans up easily with soap and water. Once product begins to dry, the use of Xylene or another strong solvent will become necessary. Keep in protected storage of 50°F to 90°F. The use of mechanical mixers may become necessary prior to use after long periods of storage.

## 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.**

**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](http://www.epa.gov/lead).



Tomorrow's Technology Today

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