

# Water Shades™

(Semi-transparent, Water-based Concrete Stain)

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**USE:**

ICT Water Shades™ is an environmentally friendly alternative to concrete acid stains. Designed to enhance the natural look and unique profile of concrete 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 (two-part) system. Whether used alone, with self-leveling cements, or with a decorative acrylic overlay, ICT Water Shades™ is perfect for porches, patios, pool decks, paver stones, garage floors and all other concrete and masonry surfaces, residential and commercial.

**DESCRIPTION:**

Available in a pre-mixed, ready to stain, one (1) gallon container, or as a two-part, five (5) gallon clear base with color additives, ICT Water Shades™ is an acrylic, water-based, semi-transparent, low gloss stain for concrete 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 of colorant 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. 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. Follow directions for installation of ICT Texture-Krete 2000 if using the acrylic overlay as a base. New concrete surfaces should be allowed to cure a minimum of 30 days before sealing with ICT Water Shades™. All surfaces should be cleansed (ICT Total Klean is recommended) and pressure washed prior to application. Allow to dry thoroughly (24 hrs.).

**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 paddle paint mixer drill attachment is recommended for even distribution of solids and colorants.

**Two-Part Stain:** Prior to tinting the five (5) gallon container of ICT Water Shades™ Base with the chosen ICT Water Shades™ Concentrate Colorant, stir thoroughly. A paddle paint mixer drill attachment is recommended for even distribution of solids. DO NOT SHAKE as shaking may cause air bubbles that may interfere with application and may mar the finished surface. Once base is completely stirred, slowly pour in one pre-measured 750ml (25.355 oz.) container of concentrated colorant while continuing to stir, making sure to avoid air bubbles. Be sure to stir throughout use as some solid particles may settle over time, causing uneven distribution of colorant, or a 'soft settle.' When not tinting a full five (5) gallon container of base, but rather using partial increments, be sure to stir the base thoroughly before extracting any amount to be tinted. One (1) gallon of base per 150ml, or 5.071 oz., of colorant will achieve standard colors more or less. To achieve a multitude of other colors, the amount of colorant may be increased to darken stain, or the mixture of different concentrated colorants will produce unique custom colors.

(cont'd on reverse)

**CHARACTERISTICS AND TECHNICAL DATA**

| Liquid Properties                   | Test Results               |
|-------------------------------------|----------------------------|
| Weight/Gallon: CLEAR BASE.....      | 8.5 lbs./gal.              |
| Weight/Gallon: PRE-MIXED.....       | 8.6 lbs./gal.              |
| % Solids: PRE-MIXED.....            | 21 %                       |
| Freezing Point.....                 | 30°F                       |
| Installation <u>Surface</u> Temp... | min. 50°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                    |
| Cured...                            | 48-72 hours                |
| V.O.C.....                          | less than 200 grams/liter  |

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

**ICT Corporation**

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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 pump up garden sprayer is recommended for application of *ICT Water Shades™*. 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 being stained, enhancing the natural 'grain' and allowing for a one of kind pattern.

**Using *ICT Texture-Krete 2000 (2-part)* system as base:** Using the acrylic 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*, paying close attention to curing times. The "Standard Application" of *ICT Water Shades™* can be pursued once the acrylic 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 of *ICT Crystal Clear H2O* for lasting protection:** It is recommended once the application of *ICT Water Shades™* is complete, that a final coat of *ICT Crystal Clear H2O* is applied for superior protection and the easiest maintenance. 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. **DO NOT USE** a solvent-based sealer over the stained surface as it may react causing bubbling to occur in the finish. *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 50°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.**



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