

Deck Mix H2O

(Water Add Mixture)

Spray Deck

USE:

ICT Deck Mix H2O is used to enhance new or existing, Uncoated Concrete surfaces with a customized decorative finish. The unlimited number of textures and patterns that are capable with Deck Mix H2O, along with ICT Color Seal H2O Pro, ICT Water Shades System, templates and pattern tape, are perfect for all residential concrete surfaces such as walkways, pool decks, patios and much more.

DESCRIPTION:

ICT Deck Mix H2O is an easy to use decorative concrete overlay system composed of a unique blend of cement, mineral aggregates, polymers and chemicals that forms a dense, cooler and skid resistant surface. While the Deck Mix H2O 50 lb. bag mixture is designed to be easily combined with water, its structure also provides for superior bonding capabilities, freeze-thaw resistance and quick drying, which saves time and money during installation.

FEATURES & BENEFITS:

- CREATES UNLIMITED TEXTURES & PATTERNS
- TIME SAVING FORMULA: Base coat ready to be textured & Color Sealed within hours.
- SUPERIOR STRENGTH & DURABILITY: Contains high performance dry resin modifier.
- FREEZE-THAW RESISTANT

SURFACE PREPARATION:

To successfully install ICT Deck Mix H2O, to uncoated concrete, the surface must be dry, clean, free of all algae, grease, oil, dirt and all other foreign matter (ICT Total Klean, all purpose cleanser & degreaser, is recommended). Removal of algae & mildew may be achieved with a solution of bleach (diluted 1-3 parts water). On previously painted or coated surfaces, sand blasting will be required to remove any prior coating. New concrete surfaces should be allowed to cure a minimum of 7-10 days prior to installing Deck Mix H2O. It is recommended that all surfaces be pressure washed prior to application of Deck Mix H2O, allowing to dry thoroughly prior to installation (24 hrs.). For best adhesion to an existing surface, a primer bond coat of ICT Liquid Resin or ICT Acryl-I-Bond is then suggested.

Etching Surface: For best adhesion, smooth concrete must be etched with a solution of muriatic acid (diluted with a minimum 4 parts water, 1 part acid). Never allow acid solution to dry; rinse thoroughly. It is recommended after etching to neutralize with sodium bicarbonate and to pressure wash with a minimum of 2,500 P.S.I. to insure the complete removal of chemicals and residue. *NOTE: WHILE ACID WASHING, IF BUBBLING DOES NOT OCCUR IN ALL AREAS, THEN CONTAMINANTS REMAIN ON THE CONCRETE.*

MIXING INSTRUCTIONS:

- Step 1:** Begin with approx. 4 - 5 quarts of cool, potable water in a clean mixing bucket. (ICT Color Fast, the color throughout system designed for use in liquid resin) When using Color Fast in Deck Mix H2O, color variations will occur. However, if exact color is not an issue, 4 oz. of concentrated Color Fast may be mixed with the water at this point, prior to adding bag mix. Remember that a surface installed with Deck Mix H2O should be sealed/finished with ICT Color Seal H2O Pro for the maximum U.V. light protection. See ICT Texture-Krete 2000 Systems for alternate installations.)
- Step 2:** Slowly add one bag of dry Deck Mix H2O. Begin mixing using a 1/2" low R.P.M. mixing drill. Mix entire amount until it is a pancake batter consistency and is free of lumps. **Mix only an amount that can be used in a 30-45 minute time span.**
- Step 3:** Add approximately 4-6 oz. of cool water on top of the mix and let sit for 3-5 minutes. Then, slowly remix material with a clean drill. (3-5 minutes allows for a false set, which, once remixed, will ensure maximum workable life).

(cont'd on reverse)

CHARACTERISTICS AND TECHNICAL DATA

Package...	50 lb. bag
Color (dry)....	white
Consistency when mixed....	"pancake batter"
Pot Life when mixed @ 70°F	30-45 min.
Spray coverage per bag...	150-175 sq. ft.
Installation <u>Surface</u> Temp...	min. 50°F
Dry to touch @ 70°F...	1-2 hrs.
Dry to Color Seal...	min. 4-8 hrs.
Dry for light traffic...	min. 24 hrs.
Dry for heavy traffic...	min. 48-72 hrs.
Tensile Strength PSI (28 day cure)	710
Flexural Strength PSI (28 day cure)	2050
Compression Strength PSI (28 day cure)	6820
Thickness of material, low temperature & high humidity will significantly lengthen drying time.	
High temperatures will shorten pot life of mixed material.	

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APPLICATION:

Step 1—Base Coat Application: For best adhesion, always apply a thin coat of *ICT Prime It (681-5G)* as a Primer prior to applying base coat. Then pour a workable amount of the *Deck Mix H2O* mixture onto the surface and begin spreading out a thin, level coat with a clean, steel trowel, squeegee, or hopper. A base coat can be used to hide minor imperfections in the existing surface. A base coat is always recommended for the best texture finish, as well as, the longevity of the surface. (NOTE: Lightly misting concrete surface with water prior to applying base coat, will aid in application during extreme temperatures.)

Step 2—Taping Patterns/Grout Lines (Optional): Once the base coat has dried thoroughly, *ICT Grout Tape* (available in various widths) may be applied wherever the chosen pattern calls for grout lines. It is wise to leave at least an extra 3" at either end of a grout tape line as it will make the tape easier to remove once surface is completed. Once the pattern is taped down, firmly go over the tape, pressing down using a broom or a clean cloth, insuring pattern tape is secured to the surface. Note that *Grout Tape* is designed specifically for this temporary use and should not be substituted with other types of tape that may be difficult to remove. Besides grout tape, templates and/or stencils (adhesive or non-adhesive) may be used to achieve grout lines in a variety of designs.

Step 3—Knock Down Texture Finish: Load a unit of *Deck Mix H2O* mixture into a pneumatic hopper gun and spray at a rate of 70%-90% coverage over prepared concrete surface. Repeat as necessary being sure to keep the hopper gun free of clogs or dried material. Once sprayed material becomes flat to semi-gloss in appearance, it is time to come back and knock down the top of the surface with a clean, steel trowel to achieve the textured finish. A textured surface is not only attractive, but practical in that it aids in minimizing smooth surface areas which can get slippery when wet.

Step 4—Removal of Grout Tape (Optional): Once the surface is dry to the touch, begin removing the pattern tape.

Step 5—Applying ICT Color Seal H2O Pro: Allow the new surface to cure for a minimum of 6-8 hours prior to applying *ICT Color Seal H2O Pro* (dry time is considerably lengthened by cooler temperatures and/or higher humidity). *Deck Mix H2O* is designed to be sealed with *ICT Color Seal H2O Pro* which provides the surface with the necessary U.V. light protection. After applying two coats of *ICT Color Seal H2O Pro*, an additional coat of *ICT Crystal Clear H2O* is optional, though recommended for easiest maintenance. *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.*

CURING (Drying Time):

Dry to touch at 70°F 1-2 hours; dry to Top Coat (*ICT Clear* or *ICT Color Seal H2O Pro*) minimum 4-8 hours; dry for light traffic minimum 24 hours; dry for high traffic (furniture etc.) minimum of 72 hours.

Do not apply *Deck Mix H2O* 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.

COVERAGE:

One 50 lb. bag of *Deck Mix H2O* will yield approximately 150-175 square feet of Texture or Base Coat depending on the substrate being coated. When figuring quantity of material needed for a particular job, be sure to count separately for a base coat and a texture coat (ie. double the square footage of the concrete surface).

CLEAN UP:

Deck Mix H2O cleans up easily with water. Once product begins to dry, the use of scrapers, putty knives and warm soapy water may be necessary.

STORAGE:

Protect from moisture . Product shelf life is one year in dry storage.

PRECAUTIONS:

PRODUCT CONTAINS PORTLAND CEMENT AND SILICA. KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES. DO NOT BREATH VAPORS. DO NOT TAKE INTERNALLY.



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