

TECHNICAL INFORMATION

DESCRIPTION:

ICT Deck Mix (640) 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, cool and skid resistant surface. While the *Deck Mix 50 lb bag* mixture is designed to be easily combined with *ICT Liquid Resin or Acryl-I-Bond*, its structure also provides for superior bonding capabilities, freeze-thaw resistance and quick drying, which saves time and money during installation.

USE:

ICT Deck Mix (640) is designed to be used in conjunction with *ICT Liquid Resin or Acryl-I-Bond*, to create the unlimited textures and patterns associated with the *ICT Texture Krete 2000* system. When mixed correctly, the *Texture Krete 2000* system can be used to enhance and beautify any new or existing concrete surface, residential and commercial.

SURFACE PREPARATION:

To successfully install *Texture Krete 2000*, the surface must be dry, clean, free of all algae, grease, oil, dirt and all other foreign matter (*ICT Total Clean*, 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, scarifying, or shot blast 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 *Texture Krete 2000*. It is recommended that all surfaces be pressure washed prior to application of *Texture Krete 2000*, allowing to dry thoroughly prior to installation (24 hrs.).

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:

(If using *Liquid Resin Concentrate*, first cut the resin with water 50/50.) Using a clean mixing bucket, begin with approximately 5-6 quarts of cut *Liquid Resin* (depending on weather and job site conditions). If using the color throughout system, add 4 oz. of concentrated *ICT Color Fast* to the measured resin and stir. Slowly add one bag of dry *ICT Deck Mix*. Begin mixing using a 1/2" low R.P.M., mixing drill. Mix entire amount to a pancake batter consistency free of lumps. To extend the pot life of mixture, allow for a false set by adding 4-6 oz. of float water on top of mix and allow to set for 3-5 minutes. Then slowly remix with a clean drill. **Mix only amount that can be used in a 30-45 minute time span.**

APPLICATION "A" Knock Down:

Base Coat Application: For best adhesion, apply a thin coat of *ICT Liquid Resin*, or *ICT Acryl-I-Bond*, as a primer, prior to applying base coat. Then pour a workable amount of the *Texture Krete 2000* mixture onto the surface and begin spreading out a thin, level coat with a clean, steel trowel, squeegee or pneumatic hopper gun. 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.)

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.

Knock Down Texture Finish: Load a unit of *Texture Krete 2000* mixture into a pneumatic hopper gun and spray at a rate of 70%-90% coverage over dry base coat. 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.

Removal of Grout Tape: Once the surface is dry to the touch, begin removing the pattern tape. Allow the new surface to cure for a minimum of 4-8 hours prior to applying *ICT Color Seal H2O Pro* (dry time is considerably lengthened by cooler temperatures and/or higher humidity). *Texture Krete 2000* 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.*

APPLICATION "B" Hand Crafted Finish:

Base Coat Application: For best adhesion, apply a thin coat of *ICT Liquid Resin*, or *ICT Acryl-I-Bond*, as a primer, prior to applying base coat. Then pour a workable amount of the *Texture Krete 2000* mixture onto the surface and begin spreading out a thin, level coat with a clean, steel trowel, squeegee or pneumatic hopper gun. 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.)

Hand Crafted Finish: Lay the *Texture Krete 2000* mixture down using a steel trowel, spreading at a rate of 1/8"-3/16" thickness. Always stop and start at a control line or expansion joint to eliminate overlaps or cold joints in the finish. The desired pattern (ie. Natural Slate, Flagstone, etc.) can be accomplished by either applying grout tape or stencils prior to material application, or by installing the material, allowing it to dry to a soft set (approx. 10-15 min.), then manually carving the pattern into the material using a brick cutter.

CURING (Drying Time):

Do not apply *Texture Krete 2000* when *surface* temperatures are below 50°F or are expected to fall into that point before initial cure. During ideal conditions, *Texture Krete 2000* is dry to the touch in 30-45 minutes. Minimum cure for light traffic in 3-4 hours. Vehicular or heavy traffic in 48-72 hours. Thickness of material, low temperature and high humidity will significantly lengthen drying time.

COVERAGE:

One 50 lb. bag of *Deck Mix* will yield approximately 150-175 sq. ft. (**Knock Down**) or 150-200 sq. ft. (**Hand Crafted**), 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 (i.e. double the square footage of the concrete surface).

CLEAN UP & STORAGE:

Texture Krete 2000 cleans up easily with water. Once product begins to dry, the use of scrapers, putty knives and warm soapy water may be necessary.

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.

All Innovative Concrete Technology Corp. products are manufactured with the finest raw materials. Shelf life is 1 year 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 control. ICT Corp. disclaims any liability incurred in connection with the use of these data or suggestions.