

# Texture-Krete 2000

## Liquid Resin & Deck Mix

### Trowel and Spray system

**USE:**

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

**DESCRIPTION:**

ICT Liquid Resin is a formulated blend of 100% acrylic resins and additives that enhance the performance of cement based materials. When added to cement based materials, ICT Liquid Resin modifies this material by providing better bonding, flexibility, and strength characteristics.

**FEATURES & BENEFITS:**

IMPROVES THE APPEARANCE OF PLAIN CONCRETE

COMFORTABLE: Provides a cool, livable surface as opposed to harsh concrete

EXCELLENT ADHESION TO A VARIETY OF SUBSTRATES

TOUGH & DURABLE: Withstands heavy traffic & weather conditions

VERSATILE: Can be Sprayed, Troweled, Hand Crafted, Used with Stencil Patterns, Knock Down Patterns and/or Color Throughout Technology

**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 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 surfaces, sand blasting will be required. 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, allowing to dry thoroughly prior to installation (24 hrs.). For best adhesion to an existing surface, a primer bond coat of ICT Liquid Resin 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:**

**(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 Color Fast to the measured resin and stir. Slowly add one bag of dry 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.**

*(cont'd on reverse)*

**CHARACTERISTICS AND TECHNICAL DATA**

**Liquid Resin Concentrate (Conc.)/Deck Mix**

Weight/Gallon (Liquid Resin Conc.).....	8.8 lbs./gal.
% Solids (Liquid Resin Conc.).....	48%
Weight per Bag (Dry Deck Mix)....	50 lb.
Consistency when mixed.....	'pancake batter'
Pot life when mixed with false set.....	30-45 min.
Application <u>Surface</u> temp.....	min. 50°F
Coverage/Bag of Deck Mix.....	approx. 175 sq. ft.
Freezing Point (Liquid Resin).....	30°F
Dry to Touch/Recoat.....	30-45 min.
Cure to Seal.....	3-4 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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All Innovative Concrete Technology Corp. products are manufactured with the finest raw materials. Shelf life is 12-18 months 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:

**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 or squeegee. 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.

**Taping Patterns/Grout Lines:** 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.

**Hand-Crafted Finish:** The key to achieving a handsome hand-crafted finish is to 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.

**Removal of Grout Tape:** Once the surface is dry to the touch, begin removing the pattern tape. Allow a new surface to cure for a minimum of 3-4 hours prior to applying *Color Seal H2O* (dry time is considerably lengthened by cooler temperature and/or higher humidity). After applying two coats of *Color Seal H2O*, an additional coat of *ICT Crystal Clear H2O* is optional, though recommended for easiest maintenance. When using the Color Throughout method, only two coats of *ICT Crystal Clear H2O* need be applied. *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 / DRYING TIME (CURING):

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 or 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:

Per 50 lb. bag of *Deck Mix*, mixture will yield approximately 150-200 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 & 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.**



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