INNOVATIVE CONCRETE TECHNOLOGY CORP.
Tomorrow's Technology Today

ICT TECHNICALS

Color Seal H_2O Pro

Sealer & Protector

USE:

ICT Color Seal H2O Pro is used to enhance and protect new or existing concrete surfaces. *Color Seal H2O Pro* is designed to be used over *ICT Texture Krete 2000* Surfacing System as well as keystone, cool deck and all concrete surfaces. *Color Seal H2O Pro* protects interior and exterior concrete and properly prepared asphalt. *Color Seal H2O Pro* is ideal for commercial and residential patios, pool decks, walkways, driveways, and garage floors.

DESCRIPTION:

ICT Color Seal H2O Pro is a unique blend of 100% non blushing, deep penetrating, true acrylic resin. *Color Seal H2O Pro* is easy to apply, quick drying, durable, easily cleaned and environmentally friendly. *Color Seal H2O Pro* resists water and UV light damage. This makes *Color Seal H2O Pro* the professional's choice in water-based color sealers.

FEATURES & BENEFITS:

QUICK DRYING
DURABLE
ENVIRONMENTALLY FRIENDLY
SUPER ADHESION
EXCELLENT WEATHERABILITY
COLOR STABILITY: Resistant to UV light
CHLORINE & SALT RESISTANT

CHARACTERISTICS AND TECHNICAL DATA

Liquid Properties	Test Results
Weight/Gallon…..	11 lbs./gal.
% Solids…..	50%
Gloss @ 60°F…..	20
Freezing Point…..	30°F
Coverage/Gallon…..	Approx. 200 sq. ft. per gal.
Installation Surface Temp…	min. 50°F
Clean Up…..	Warm Soapy Water
Dry to touch…..	*30 min.
Dry to Recoat…..	*3-4 hours
Cured…	*72 hours
Shelf Life…..	1 yr min. (closed container)
V.O.C……	less than 400 grams/liter
Liters/gallon…..	3.785 liters

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

SURFACE PREPARATION:

To successfully install *ICT Color Seal H2O Pro*, the surface must be dry, clean, free of all algae, grease, oil, dirt and all other foreign matter. Make certain any previously applied coatings or deck systems are secure prior to installation. Sand blasting may be required. New concrete surfaces should be allowed to cure a minimum of 30 days and should be pressure washed prior to application of sealer.

Step 1: Removal of algae, mildew and other foreign matter may be achieved with a solution of either bleach or chlorine, (diluted 1-3 parts water). *ICT Total Klean*, all purpose cleaner and degreaser, scrub surface well, pressure clean and rinse thoroughly. Allow to dry thoroughly before applying Color Seal H2O Pro.

Step 2: Etching Surface (Only when necessary): 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.*

APPLICATION:

Allow surface to dry for a minimum of 24 hours after cleaning and prior to application of *Color Seal H2O Pro*. It is important to always stir *Color Seal H2O Pro* thoroughly prior to use. *Color Seal H2O Pro* may be applied with a brush, roller (3/4" - 1" nap is recommended), or airless sprayer (.0015-.0017 tip recommended). NOTE: Using a roller nap greater than 1" may result in bubbling of *Color Seal H2O Pro*.

(cont'd on reverse)

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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 control. ICT Corp. disclaims any liability incurred in connection with the use of these data or suggestions.

Revision 5/15/08

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NEW OR UNCOATED CONCRETE:

Two coats of *ICT Color Seal H2O Pro* are recommended. The first coat should be thinned if the concrete is very dense. Only if necessary, thin the *Color Seal H2O Pro* with no more than one pint of water per gallon of *Color Seal H2O Pro*. Allow the first coat to dry at least three (3) hours before applying the second coat. (Low temperatures and high humidity will affect drying and curing times.) A concrete floor bonder is recommended for garage floors and machine troweled concrete surfaces prior to application of *Color Seal H2O Pro*.

OTHER COATINGS:

Do not use acid to etch a surface previously coated. Due to the variety of coatings available for concrete, the adhesion and suitability of *Color Seal H2O Pro* of other products must be determined by the applicator. A test patch of *Color Seal H2O Pro* is recommended over the existing coating if compatibility is questionable. Simply apply a 1' x 1' square of *Color Seal H2O Pro* over the old coating. After two (2) days of drying time, press duct tape to the newly coated area. Let stand for 15-30 minutes, then remove. If *Color Seal H2O Pro* is lifted by the tape, coating is not advised without the use of a concrete floor bonder.

NOTE: Clear sealed or smoothly troweled surfaces may become slippery when wet. The use of *ICT's Diamond Dust* skid resistant additive is highly recommended.

DRYING TIME:

Dry to the touch in approximately 30 minutes. Light traffic and recoating, 3 hours. Vehicular traffic in 72 hours. Low temperatures and high humidity will significantly lengthen drying and curing times. The use of fans and/or heaters may facilitate the curing process.

CLEAN UP & STORAGE:

Color Seal H2O Pro cleans up easily with water. Once the product begins to dry, the use of solvents or thinners may be necessary.

LIMITATIONS:

Apply when materials, surface and air temperatures are above 50°F. Do not apply when dew point is within 5°F of air temperature. Do not apply in damp or threatening weather. (Low temperatures and high humidity will affect drying and curing times.) Do not dilute beyond manufacturer's directions. Do not freeze. Store above 40°F. Do not apply when temperature of the surface to be coated is below 50°F, or when temperatures are expected to fall below this point within 4-8 hours of initial cure.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES. DO NOT BREATH VAPORS.

DO NOT TAKE INTERNALLY. DO NOT STORE IN DIRECT SUNLIGHT. KEEP FROM FREEZING.

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