

Color Seal H₂Cool

Sealer & Protector

Item # 225 -1G, 225-5G



USE:

ICT Color Seal H₂Cool (225) is used to enhance and protect new or existing concrete surfaces while maintaining a cooler temperature and longer lifespan with the *new H₂Cool Technology*. **Color Seal H₂Cool (225)** is designed to be used over **ICT Texture Krete 2000** Surfacing System as well as keystone, cool deck and all concrete surfaces. **Color Seal H₂Cool (225)** protects interior and exterior concrete and properly prepared asphalt. **Color Seal H₂Cool (225)** is ideal for commercial and residential patios, pool decks, walkways, driveways, and garage floors. **Color Seal H₂Cool (225)** provides resistance against water, alkalis, UV rays, IR rays and staining.

DESCRIPTION:

ICT Color Seal H₂Cool (225) is a unique blend of 100% non blushing, deep penetrating, self cross linking acrylic resin. **Color Seal H₂Cool (225)** is easy to apply, quick drying, durable, easily cleaned and environmentally friendly. **Color Seal H₂Cool (225)** resists water and UV light damage. This makes **Color Seal H₂Cool (225)** the professional's choice in water-based color sealers. **H₂Cool Technology** is a groundbreaking pigmentation process that reflects IR rays resulting in a lower surface temperature as well as less deterioration that would cause color loss, fading, and other issues caused by absorption of IR rays.

FEATURES & BENEFITS:

H₂COOL TECHNOLOGY: Infrared reflectance

QUICK DRYING

DURABLE

ENVIRONMENTALLY FRIENDLY

SUPER ADHESION

EXCELLENT WEATHERABILITY

COLOR STABILITY: Resistant to UV light

CHLORINE & SALT RESISTANT

SURFACE PREPARATION:

To successfully install **ICT Color Seal H₂Cool (225)**, 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 or removed prior to installation. Stripping or 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. Using **ICT Sure Grip H₂O (683)** will also aide in adhesion to dense, non-porous surfaces.

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 (700)**, all purpose cleaner and degreaser, scrub surface well, pressure clean and rinse thoroughly. Allow to dry thoroughly before applying **Color Seal H₂Cool (225)**.

Step 2: Etching Surface (Only when necessary): Smooth concrete must be etched with **ICT Total Etch & Clean** or 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 H₂Cool (225)**. It is important to always stir **Color Seal H₂Cool (225)** thoroughly prior to use. **Color Seal H₂Cool (225)** 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 H₂Cool (225)**.

(cont'd on reverse)

CHARACTERISTICS AND TECHNICAL DATA

Liquid Properties	Test Results
Weight/Gallon.....	10.80 lbs./gal.
% Solids.....	53% (+/-1)
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.....	2 yr min. (closed
V.O.C.....	container) less than 100
Liters/gallon.....	grams/liter 3.785 liters

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

ICT Corporation

2410 McJunkin Road * Lakeland, FL 33803

(Nationwide): 888-296-5236 * (Local): 863-665-8787 *(Fax): 863-666-2768

(Email): info@innovativeconcrete.com

www.innovativeconcrete.com

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 8/1/2022

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NEW OR UNCOATED CONCRETE:

Two coats of **ICT Color Seal H₂Cool (225)** are recommended. The first coat should be thinned if the concrete is very dense. Only if necessary, thin the **Color Seal H₂Cool (225)** with no more than one pint of water per gallon of **Color Seal H₂Cool (225)**. 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 **ICT Sure Grip H₂O** is recommended for garage floors and machine troweled concrete surfaces prior to application of **Color Seal H₂Cool (225)**.

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 H₂Cool (225)** of other products must be determined by the applicator. A test patch of **Color Seal H₂Cool (225)** is recommended over the existing coating if compatibility is questionable. Simply apply a 1' x 1' square of **Color Seal H₂Cool (225)** 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 H₂Cool (225)** is lifted by the tape, coating is not advised without the use of a concrete floor bonder. **ICT Sure Grip H₂O (683)** can aid in adhesion to more dense and smooth surfaces.

NOTE: Clear sealed or smoothly troweled surfaces may become slippery when wet. The use of **ICT's Diamond Dust (491)** skid resistant additive is highly recommended.

DRIVEWAYS AND GARAGE FLOORS:

When applying **Color Seal H₂Cool (225)** to Driveways or Garage Floors it is necessary to apply a clear coat as your final coat. **ICT Ure-Seal H₂O (150)** or **Crystal Clear H₂O (270)** is required. **ICT Sure Grip H₂O (683)** may be necessary for proper adhesion to dense, non-porous surfaces.

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 H₂Cool (225) cleans up easily with water. Once the product begins to dry, the use of solvents or thinners may be necessary.

LIMITATIONS:

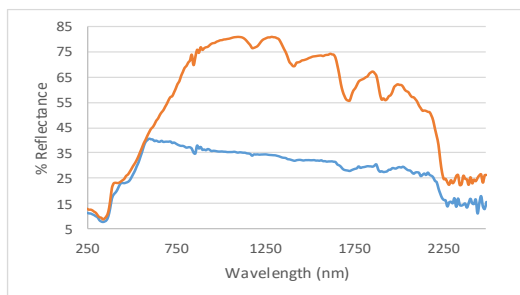
Apply when materials, surface and air temperatures are above 50°F. Do not apply when dew point is within 5°F of air temperature. Do not apply in damp or threatening weather. (Low temperatures and high humidity will affect drying and curing times.) Do not dilute beyond manufacturer's directions. Do not 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 BREATHE VAPORS.
DO NOT TAKE INTERNALLY. DO NOT STORE IN DIRECT SUNLIGHT. KEEP FROM FREEZING.

- STANDARD PIGMENTS FOR COLOR SEAL H₂O (220)
- H₂COOL PIGMENTS FOR COLOR SEAL H₂COOL (225)

AUTUMN TAN



SMOKE

