

Ure-Seal H₂O

2-Part Urethane Clear Coat

150-KIT / 151-KIT

GLOSS / NATURAL

USE: *ICT Ure-Seal H₂O* is a 2-part water reducible crystal clear Urethane.

It is a high performance clear coating that can be used inside or out to protect and enhance any properly prepared floor for years of service.

DESCRIPTION: *ICT Ure-Seal H₂O* has excellent abrasion and chemical resistance with a high gloss or natural finish (Keep in mind that the 'Gloss' blend will appear as semi-gloss when applied on brick pavers). The mild odor makes it ideal for interior applications. *Ure-Seal H₂O* will not yellow and will form a very hard protective coating for high traffic area, counter tops, restaurants, decorative concrete, brick pavers. *Ure-Seal H₂O* can be used over epoxy flooring, garage floors, anywhere that high durability and superior chemical resistance is required.

SURFACE PREPARATION: 1. Clean surface thoroughly with *ICT's Total Klean* all purpose degreaser and cleaner to remove dirt and oils. It is recommended that you also use a bleach/liquid chlorine solution to remove any visible or microscopic algae or mildew. Rinse thoroughly. 2. If you are applying *Ure-Seal* over brick pavers it is recommended that you use *ICT's Total Prep* according to product directions. This will remove any efflorescence and condition / prep the pavers. 3. Pressure wash the entire area thoroughly to remove any residual chemicals.

MIXING RATIO'S: *ICT's Ure-Seal* is a 2 component product that comes pre packaged in 1 Gallon and 5 Gallon kits. If not all the product in the kit purchased is needed *Ure-Seal* can be mixed by using 4 parts of "Part A" and 1 part of "Part B" (i.e.: 4 quarts of Part A to 1 quart of Part B) Do not mix more material than can be used in a 2-3 hour period. **Once components A and B are mixed the pot life is approximately 2-3 hours. Pot life will vary based on weather conditions, temperature, humidity etc. Mixed product should NEVER be stored in a closed container.**

DILUTION RATIO'S: **Brick Pavers with sand joints:** It is recommended you apply a penetration coat as your first coat. Mix Part A and Part B at the 4:1 ratio. Dilute that solution with 2 parts of water. (i.e.: if you have mixed a total of one gallon of product add 2 gallons of water) The second coat should be mixed with 1 part water. If additional coats are needed mix at the same 1 part water to 1 part Mixed *Ure-Seal*.

Acrylic Overlays, (ICT TK2000 w/ Integral Color), Stamp Overlays, Acid Stains, Counter Tops: Mix Part A and Part B at the 4:1 ratio. Dilute that solution with 1 part water. (i.e.: 1 gal of mixed product diluted with 1 gal of water) The second coat should be applied full strength. No dilution. Additional coats may be applied to achieve a higher gloss or if additional film thickness is needed for High Traffic areas

Top Coat Sealers (ICT Color Seal H₂O Pro, Texture EEZ 3000) and Epoxy Floor Systems should be sealed with *Ure-Seal* full strength

APPLICATION: *ICT Ure-Seal H₂O* is a two component product. Mix using a low speed drill or jiffy mixer for 1-2 minutes. Do not whip air into the mixture. Apply with a sprayer or short nap roller. Do not apply too thick or bubbles will form. If a second coat is required, it must be applied after the initial coat is dry to touch and visually clear, usually within 3-6 hours, but before it cures completely, usually within 24-36, hours after the initial coat is applied.

Brick Pavers or Hot Surfaces should be slightly dampened with a light mist of water prior to applying *Ure-Seal*. **Do Not Over Hydrate. Hydrate surface only if conditions allow for adequate dry/curing time. Thin pavers with a sand bed should be thoroughly dry before applying Ure-Seal H₂O.** The use of a quality pump up sprayer/continuous sprayer is recommended. A moderate amount of material should be applied. Do not allow *Ure-Seal* to puddle. If puddling occurs use a dry roller to "back roll" the material to maintain an even thickness. If you use a roller for the application of *Ure-Seal* use a 1/4" nap or Micro Fiber roller cover. For dry rolling/ back rolling you will need a 3/4-1" roller cover. If you should see roller marks as you are applying, lightly mist those areas with water. This will allow *Ure-Seal* to settle and form a more even film.

Always Apply a Test Area For Best Results.

ICT Corporation

2410 McJunkin Road * Lakeland, FL 33803

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

(Email): info@innovativeconcrete.com

CHARACTERISTICS AND TECHNICAL DATA

Weight/Gallon.....	+/- 2%	8.7 lbs./gal.
% Solids ± 1	+/- 2%	PART A 32%
		PART B 86%
Gloss @ 60° Specular....		87
Dry Time (77°F, 50% RH)		3-6 hrs.
Dry to Recoat.....	3-6 hrs. min/18-24 hrs. max	
Return to Service		24-48 hrs.
Appearance Wet.....		Milky White
Appearance Dry.....		Clear
Coverage/Gallon.....	225 sq. ft / gal @ 3 mils	
Maximum DFT:		6 mils
Pot Life after mixing		1-3 hrs. @ 77°F
<u>HIGHER TEMPERATURES AND HUMIDITY WILL</u>		
<u>REDUCE POT LIFE (Do Not Re-lid mixed product)</u>		
Shelf Life.....		Six months @ 77°F
V.O.C		less than 50 grams/liter

Ure-Seal H₂O

2-Part Urethane Clear Coat

150-KIT

HIGH GLOSS/ NATURAL

FEATURES AND BENEFITS:

Non-yellowing

Excellent Chemical Resistance

Low VOC

Interior or Exterior

High Performance

Excellent UV Resistance

Low Odor

High Gloss or Natural Finish

Use Easy Clean-Up

May be applied when surfaces are damp (no ponding or puddling)

PACKAGING:

1 Gallon Kits

5 Gallon Kits

COVERAGE:

Approx-200 –300 sq. ft. per gallon. Coverage rates *will* vary depending on substrate, textures, porosity, and application methods.

DO NOT apply Ure-Seal H₂O when air or surface temperature is below 55°F or is expected to fall to the point before application is dry. Low temperatures and high humidity will effect drying and curing times.

DO NOT apply Ure-Seal H₂O to new cement, mortar or grout. Allow these products to cure for a minimum of 28 days before sealing. **ICT Total Prep** should be used for the removal of efflorescence prior to application of Ure-Seal H₂O

DO NOT apply to thin pavers if moisture is present.

LIMITATIONS:

Must be stored in air tight container to prevent evaporation and contamination with foreign material. Do not apply when **surface** and air temperatures are above 100°F or below 55°F or when dew point is within 5°F of air temperature. Any mixed material if not used within 1-3 hours of mixing should be discarded, this time may be increased by keeping the material in a cool dry place. Do not re-lid product once mixed as product will expand. Do not freeze, store above 40°F. If re-coat time is exceeded surface must be lightly abraded prior to applying second coat.

PRECAUTIONS:

Keep out of reach of children. Applicator should wear protective eyewear and gloves. Do not take internally. Do not store in direct sunlight or excessive heat. Keep from freezing. Refer to the MSDS for this product for safety recommendations related to working with this product. Do not allow this product to freeze. Do not apply if surface is below 50°F or above 100°F. Do not apply over surfaces that have been previously sealed with a solvent based sealer unless a compatability test is performed.

