



# INCRETE URETHANE

## CLEAR URETHANE PROTECTIVE FLOOR COATING

### PACKAGING

0.75 gal (2.84 L) kit

**Part A:** 0.5 gal (1.9 L)

**Part B:** 1 qt (0.9 L)

### YIELD

Approximately 300 to 500 ft<sup>2</sup>/gal (7.4 to 12.3 m<sup>2</sup>/L)

### APPEARANCE

Clear liquid

### CLEAN UP

Clean tools and application equipment immediately after use with methyl ethyl ketone or acetone. Clean spills or drips while still wet with solvent. Dried INCRETE URETHANE will require mechanical abrasion for removal.

### SHELF LIFE

2 years in original, unopened containers

### SPECIFICATIONS AND COMPLIANCES

Canadian Food Inspection Agency

## BRIEF OVERVIEW

INCRETE URETHANE is a non-yellowing two-component, solvent-based, polyester/aliphatic polyurethane coating that has outstanding abrasion resistance, excellent flexibility, color stability and weather-resistant characteristics. When used as a topcoat, INCRETE URETHANE has very good chemical resistance and excellent anti-graffiti properties without compromising aesthetics. Is an excellent topcoat for INCRETE GRANITE COAT, INCRETE METAL FX and INCRETE CHROMA-QUARTZ systems.

## PRODUCT CHARACTERISTICS

### ADVANTAGES

- Easy to clean and maintain
- Anti-graffiti coating
- Superior chemical resistance
- High-gloss finish
- Non-yellowing
- Excellent abrasion resistance

### COMMON APPLICATION METHODS

- Sprayer
- Roller
- Foam or lambs-wool applicator
- Paint brush

### PHYSICAL PROPERTIES

- Two component
- Non-yellowing formula
- Chemical resistant
- Working Time/Drying Time: 3-5 hours
- Initial Set/Foot Traffic Time: 14 to 24 hours
- Final Set/Vehicle Traffic Time: 3- 5 days

### COMMON USES

- Airport hangar floors
- Epoxy floors
- Clean rooms
- Warehouses
- Manufacturing plants
- Laboratories
- Auto-repair bays
- Horizontal and vertical surfaces
- Restaurants, kitchens & bars
- 50 °F (10 °C) to 90 °F (32 °C)

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## TECHNICAL INFORMATION CONT.

Material Properties @ 75 °F (24 °C), 50% RH	Light Foot Traffic .....	14 to 24 hours
Mix ratio (A:B) by volume .....	Final Cure/Heavy Traffic .....	3 to 5 days
VOC Content (mixed) .....	Flexibility 1/8 in (3.2 mm) mandrel .....	no cracks
Viscosity, (mixed) .....	Taber Abrasion CS17 wheel, 1 kg load, 500 cycles .....	22 mg loss
Mixed solids (clear gloss) .....	Finish Characteristics .....	high gloss
Pot life.....	Impact Resistance Gardner Impact, 160 in/lb.....	passes
Hardness, Shore D.....		
Tack Free Time .....		

*Values presented are typical and not necessarily referenced to create specifications.*

ACIDS	RATING	SOLVENTS	RATING	MISC	RATING
Acetic Acid 5%	2	Ethyl Alcohol 95%	3	Detergent Solution	3
Citric Acid 5%	3	Ethyl Acetate	NR	Ethylene Glycol	3
Hydrochloric 10%	3	Methanol	1	Propylene Glycol	3
Nitric Acid 5%	3	Methyl Ethyl Ketone	NR	Vegetable Oil	3
Phosphoric 20%	3	Mineral Spirits	3	Gasoline	3
Sulfuric 10%	3	Methylene Chloride	NR	1 = Incidental Contact (8 hrs)	
		Toluene	2	2 = Splash & Spill (72 hrs)	
		Xylene	3	3 = Extended Exposure (7 days)	
		Trichloroethane	2	D = Discoloration may occur	
		Isopropyl Alcohol	1	NR = Not Resistant	

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## DIRECTIONS FOR USE

### TOPCOAT FOR EPOXIES

Old or new epoxy coatings should be cleaned and lightly sanded prior to the application of INCRETE URETHANE. Follow the recommended drying time between coats when applying INCRETE URETHANE to newly applied INCRETE HIGH PERFORMANCE EPOXY.

### PRIMING

INCRETE URETHANE should not be applied directly to concrete. If an epoxy coating is not present, prime the concrete with Euclid Chemical's DURAPRIME WB or INCRETE HIGH PERFORMANCE EPOXY according to the directions in the technical data sheet. Apply the selected primer using a brush, short nap roller or sprayer. The primer must be tack free before application of INCRETE URETHANE. The surface and ambient temperature at the time of application should be between 50 to 90 °F (10 to 32 °C) and the relative humidity below 90%.

### MIXING

Premix INCRETE URETHANE part A and part B separately, then combine two (2) parts by volume of part A with one (1) part by volume of part B in a clean, dry container and mix using a "Jiffy" or similar type mixer. Mix slowly without aerating for 3 to 5 minutes. Scrape the sides of the container and the blades at least once during the mixing.

### APPLICATION

INCRETE URETHANE can be applied as soon as the primer is tack-free but no later than 18 hours after application of the primer. Apply INCRETE URETHANE in a continuous film by airless sprayer, short-nap mohair roller, foam applicator, lambs-wool applicator, or paint brush. When spraying, observe proper safety precautions. Two coats of INCRETE URETHANE is recommended for most applications with the second coat applied after the first coat is tack free, typically within 4 to 6 hours after application at 75 °F (24 °C). Apply the second coat of INCRETE URETHANE to seal the surface.

### CURE TIME

INCRETE URETHANE requires 14 to 24 hours at 75 °F (24 °C) to cure sufficiently for light to moderate traffic.

### ANTI-GRAFFITI COATING

INCRETE URETHANE may be used on walls to protect against graffiti. Remove graffiti as soon as possible after the graffiti attack by working on small areas at a time. Use commercially available graffiti removers and apply in accordance with manufacturer's instructions.

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## PRECAUTIONS/LIMITATIONS

- Keep away from sparks, open flames, pilot lights and other sources of ignition.
- Provide adequate ventilation and use appropriate protective equipment.
- Store between 50 to 90 °F (10 to 32 °C). Apply when surface and ambient temperatures are 50 to 90 °F (10 to 32 °C) and humidity is less than 90%.
- Surfaces must be dry before application.
- Not intended for continuous immersion in water.
- Excessive high-film thickness and/or water may cause surface blistering.
- Salt water environments, including salt water pool decks, are harsh on sealers. Please contact your Euclid Chemical sales rep for recommendations.
- Do not apply adhesive tape to sealed surfaces as delamination may occur.
- Application of a test patch is recommended.
- Keep containers tightly closed.
- For clean up use MEK or PM Acetate.
- For professional use only.
- In all cases, consult the Safety Data Sheet before use.

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