

Crystal Clear Epoxy Seal

1 1/2 Gallon Epoxy Kit

140-KIT

USE:

Crystal Clear Epoxy Seal is a 100% solids, 2 part epoxy sealer for light commercial and residential use. Crystal Clear Epoxy Seal, will provide a high gloss, highly durable barrier to protect your floors against repeated cleaning with harsh detergents and heavy foot traffic. FOR INDOOR USE ONLY.

DESCRIPTION:

Crystal Clear Epoxy Seal is a 100% solids, two component epoxy binder. Crystal Clear Epoxy Seal can be applied over most ICT products. Installation by trained professional is recommended.

FEATURES & BENEFITS:

- Versatile
- User Friendly
- Low Odor—100% Solids
- Chemical Resistant

APPLICATIONS:

- Warehouse and Garage Floors
- Manufacturing Plants, Workshops
- Educational Facilities and Hospitals
- Production Rooms and Loading Docks
- Kitchen Floors, Lavatories, Retail Stores

INSTRUCTIONS FOR USE:

Surface Preparation: New concrete should be allowed to cure for a minimum of 28 days. The concrete must be structurally sound, dry, free of grease, oils, coatings, dust, curing compounds and other contaminants. Surface laitance must be removed. The preferred methods of surface preparation is abrasive blasting. Remove defective concrete, honeycombs, cavities and other defects by routing to sound material.

Mixing Instructions: Mix the 1 gallon container of Part “A” with the 1/2 gallon container of Part “B”. Mix thoroughly with a low speed drill motor and a “Jiffy” type mixer. Mix for approximately 30 seconds. Do not aerate the mix. Do not over mix. Mixed product should be removed from bucket as soon as possible. This will aid in obtaining maximum working life of the product.

Application: This product must be applied immediately after being mixed together. Mix only as much product as can be applied in 20-25 minutes. Cut in edges, corners, doorway openings or anywhere that cannot be reached easily with a roller, do not cut in too far ahead to avoid drying. May be applied with a squeegee or short nap roller (solvent resistant, phenolic core, roller cover). **Hint:** Remove lint from roller cover by wrapping it with masking tape, glue side to the roller cover.

Coverage: **Crystal Clear Epoxy Seal** coverage rates are approximate and for estimating purposes only. Surface temperature, porosity, texture and thickness will determine actual material requirements. 200—225 sq ft. per 1.5 gal Kit @ 8 mil thickness.

LIMITATIONS:

Do not aerate during mixing. Do not mix or apply unless surface, air and material temperatures are 50°F and rising. Do not apply if surface temperature is within 5°F of the dew point in the work area. Do not store Crystal Clear Epoxy Seal at temperatures below 50°F or above 90°F. Cure new concrete 28 days before application. Crystal Clear Epoxy Seal will yellow upon prolonged exposure to sunlight or high intensity artificial lights.

PRECAUTIONS: When Part A and Part B are combined, the reaction will cause the mixture to heat at a steady rate. If left in the bucket for too long, the resin will begin to “cook off” or gel. Mixture should be applied to the surface to be coated as soon as possible after mixing.

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 AWAY FROM HEAT AND OPEN FLAME. USE WITH ADEQUATE VENTILATION

CHARACTERISTICS AND TECHNICAL DATA

Mix Ratio (by Volume)	2:1
Gel Time, minutes	20-25
Tack Free, hrs.	3-4
Hardness, Shore D	60-65
ASTM D2240	
Tensile Strength, psi	900-1, 200
ASTM D638-03	
Tensile Elongation, %	52-67
ASTM D638	
Compressive Strength, neat resin, psi 23°C	
ASTM D695	
@40 hrs.	5,700
Abrasion Resistance, CS-17	50-55
ASTM D4060 (1000 cycles)	50-55

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

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