

# DURA-KOTE EPOXY 100



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[www.SureCreteDesign.com](http://www.SureCreteDesign.com)

## Technical Data

### COVERAGE

100-200 sq ft per Gallon / per Coat

### Packaging

**Dura-Kote Epoxy 100 "A"**  
1 gal. jug (2—per Kit)

**Dura-Kote Epoxy 100 "B"**  
1 gal. jug (1—per Kit)

### WARRANTY

Warranty of this product, when used according to the directions, is limited to refund of purchase price, or replacement of product (if defective), at manufacturer's/seller's option.

SureCrete Design Products shall not be liable for cost of labor or direct and/or incidental consequential damages.

### DISPOSAL

Contact your local government house-hold hazardous waste coordinator for information on disposal of unused product.

### DESCRIPTION

**SureCrete Dura-Kote Epoxy 100** is a 100% solids, epoxy sealer for vertical or horizontal cementitious surfaces. This product is a two component system.

**SureCrete Dura-Kote Epoxy 100** provides superior chemical and abrasion resistance with tenacious bonding. This product has 0 VOC's.

### SURFACE PREPARATION

Surface must be dry and clean of dust, dirt, oils, and other surface contaminants. It is imperative to provide surface profiling on concrete deck surfaces that are especially smooth, hard, dense, etc.

For most applications, the most common means of profiling is accomplished with the use of **SCR**, the safe substitute for muriatic acid. See the application sheet for **SCR** for proper technique and instructions.

### APPLICATION

Mix thoroughly 2 parts **SureCrete Dura-Kote Epoxy 100 "A"** with 1 part **SureCrete Dura-Kote Epoxy 100 "B"**. To place product, utilize a rubber squeegee and mohair roller with phenolic core. Mask off areas to be protected. Do not allow puddling. Apply when air and surface temperatures are between 60°F and 90°F with relative humidity below 85% and will stay within that range until product cures. High humidity (above 75%) will slow cure rates and affect gloss. Substrate must be a minimum of 5°F above dew point.

**Cure Time:** Dries to the touch within 4 - 5 hours. Optional second coat between 8 - 10 hours. Light foot traffic may occur after 24 hours. Full cure is achieved at 5 - 7 days at 75°F.

**Coverage:** Dependent upon film thickness. Approximately 100-200 sq. ft. / gallon / coat.

**Cleanup:** Before **Dura-Kote Epoxy 100** dries; spills, over-spray, and tools can be cleaned up with solvent.

### CAUTIONS

#### **KEEP OUT OF REACH OF CHILDREN.**

**Inhalation:** Avoid prolonged breathing of vapors. Use NIOSH approved respirator for organic vapors if threshold limit values are unsafe.

**Skin Contact:** Skin contact may cause irritation. Remove contaminated clothing and wash affected skin with soap and water. Launder clothing before reuse. If symptoms persist, seek medical attention.

**Eyes:** Wear safety eye protection when applying. Contact with eyes may cause irritation. Flush eyes with water for 15 minutes. If symptoms persist, seek medical attention.

## **TEST DATA**

Appearance (cured)	Gloss sheen
Water Resistance	Excellent, beads water
Mechanical Stability	Excellent
Light Stability	Yellows
Adhesion	400 psi (concrete failure)
Abrasion resistance: Tabor/	1000 gm. load @ 500 cycles = 31mg loss
Compressive strength:	9000 psi
Solids	100%
Storage Stability	1 yr.
Appearance (wet)	Clear – Straw color
Odor	Epoxy
Application Temperature	50°F – 90°F
VOC content	0
Set to Touch	4 -5 hours
Pot life	10 -20 minutes

## **Chemical Resistance**

MEK (methyl ethyl ketone)	not recommended
Xylene -	8 hours splash spill
Gasoline -	2 hours splash spill
Butanol -	8 hours splash spill
1,1,1 trichloroethane -	2 hours splash spill
Methanol -	not recommended
Ethyl alcohol -	8 hours splash spill
Skydrol -	2 hours splash spill
10% sodium hydroxide -	long term immersion
50% sodium hydroxide -	72 hour immersion
Acetic acid 5% -	2 hours splash spill
10% sulfuric acid -	8 hours splash spill
70% sulfuric acid -	not recommended
10% hydrochloric acid -	8 hours splash spill
20% nitric acid -	not recommended
Ethylene glycol -	8 hours splash spill