

DURA-KOTE

POLYURETHANE



SURECRETE
DESIGN PRODUCTS

Toll Free 1-800-544-8488
Local 1-352-567-7973
www.SureCreteDesign.com

Technical Data

COVERAGE

Approximately— 300 sq ft

PACKAGING

Dura-Kote "A" .8 gal. pail
(short filled)

Dura-Kote "B" .2 gal. can

CAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Product is flammable. Keep away from heat and potential sources of ignition. Keep areas ventilated to prevent the accumulation of vapors.

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.

DESCRIPTION

SureCrete Dura-Kote is a 51% solids (by volume), acrylic aliphatic polyurethane for vertical or horizontal cementitious surfaces. This product is a two component catalyzed system. **SureCrete Dura-Kote** provides excellent hardness, impact resistance, and durability. It is fast drying and fast to recoat. Water and chemical resistance are superior.

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.

APPLICATION

Mix thoroughly 4 parts **SureCrete Dura-Kote "A"** with 1 part **SureCrete Dura-Kote "B"**. An airless sprayer equipped with 0.016" – 0.021" tip @ 1900 – 2700 psi is recommended. A **3/16" mohair roller** with phenolic core may also apply **SureCrete Dura-Kote**. Mask off areas to be protected. Do not allow puddling. Apply when surface temperatures are between 50°F and 90°F and will stay within that range for 24 hrs. after application. (**Note: Do not** apply over **solvent acrylic sealer** as a top coat. The solvents are not compatible).

Cure Time: Apply **second coat when dry** to the touch. Approximately (Depending on temperature & humidity) a 6 Hr. time frame. If **second coat** (recoating) is **applied 96 hours after** 1st coat, **scuff surface** for proper bonding. Full cure is achieved at 5 days at 75°F.

Coverage: Dependent upon porosity and texture of substrate. **Approximately** 300 sq. ft. /per gallon / per coat.

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

DISPOSAL

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

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

TEST DATA

• Liquid Properties	(General)	• Odor	Solvent
• Appearance (cured)	Clear sheen	• Application Temperature	50°F – 90°F
• Water Resistance	Excellent, beads water	• VOC content	3.63 lbs./gal. 435 gms./L.
• Mechanical Stability	Excellent	• Set to Touch	10 – 30 min's.
• Light Stability	Excellent	• Pot life	6 -8 hours
• Solids	51%	• Hardness	Pencil – 4H Konig – 100
• Storage Stability	1 yr.	• Mechanical properties	Direct impact – 30 in.lb. Reverse impact – 6 in.lb.
• Appearance (wet)	Clear		

Chemical Resistance	3 minutes	1 hour	24 hours
5% sulfuric acid	no effect	no effect	no effect
50% sulfuric acid	no effect	no effect	no effect
5% hydrochloric acid	no effect	no effect	no effect
20% hydrochloric acid	no effect	no effect	softens
5% nitric acid	no effect	no effect	no effect
20% nitric acid	no effect	no effect	blisters
5% sodium hydroxide	no effect	no effect	no effect
50% sodium hydroxide	no effect	no effect	no effect
5% ammonia	no effect	no effect	no effect
MEK (methyl ethyl ketone)	slightly softens	softens	blisters
Ethanol	no effect	softens	softens
Xylene	no effect	no effect	softens
Toulene	no effect	slightly softens	softens
Mineral Spirits	no effect	no effect	no effect
1,1-trichlorethane	no effect	no effect	no effect

Transportation Fluids & Fuels Resistance

	3 minutes	1 hour	24 hours
Gasoline	no effect	no effect	no effect
Diesel Fuel	no effect	no effect	no effect
Kerosene	no effect	no effect	no effect
Brake fluid	no effect	no effect	soften/discolor
Skydrol	no effect	no effect	dulls