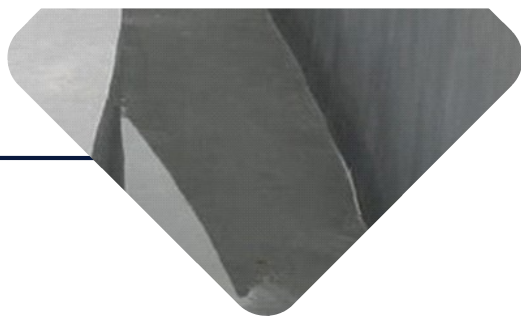




DURA-COAT KRETE-SEAL 800

DESCRIPTION AND RECOMMENDED USES

100% solids, Dura-Coat Krete-Seal 800 is a two component ambient-temperature curing epoxy coating. It is designed particularly as sealing and protection coating for concrete. Its low viscosity allows the Dura-Coat Krete-Seal 800 to flow easily, sealing cracks and filling pits. Dura-Coat Krete-Seal 800 is convenient-to-use, non-sagging easily applied by brush, roll and spray. It is an excellent primer for using with Dura-Coat concrete top coats.

- It is usually applied with 8-10 mils
- Prevent vapors from rising from the substrate
- Suitable for priming concrete with topcoat
- Suitable for immersion and non-immersion service

PACKAGES

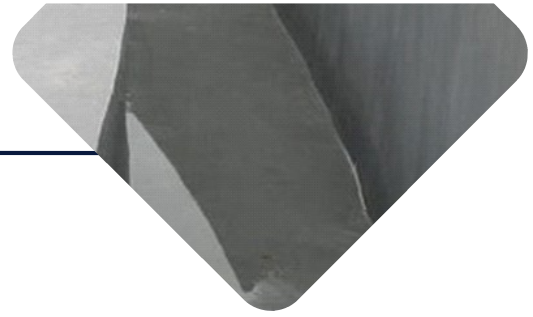
	SIZE	REORDER #
OPTIONS	5kg	800-05
	10kg	800-10

APPLICATION AREAS

- Secondary containment
- Chemical tanks
- Concrete walls
- Sumps
- Pump base
- Concrete channels
- Drains
- Chemical processing floors
- Pits
- Neutralization tanks
- Equipment bases

TECHNICAL DATA

Maximum Temperature (dependent on service)	Wet Service	50°C	122°F
	Dry Service	60°C	140°F
Chemical Resistance	Water	Excellent	
	Alkalis	Excellent	
	Inorganic Acids	Good	
	Organic Acids	Good	
	Organic Solvents	Good	
Solids by Volume		100%	
Mixed Density		1.2	
Shore D Durometer Hardness	(ASTM D 2240)	83	
Pot Life		35 min / kg at 72°F	
Vertical SAG Resistance at 21°C (70°F) and 0.25 mm (10mils)		No sag	
Coverage for 10kg Kit	355sf@10mils	33m²@250 micron	
Mix Ratio	2:1 by weight		Base: Activator
Color	Clear amber		
Shelf Life (unopened containers)	3 years at 55-95°F (13-35°C)		



DURA-COAT KRETE-SEAL 800

SURFACE PREPARATION

Proper surface preparation is critically important for the long-term performance of the Dura-Coat Krete-Seal 800. The prepared concrete surface must be structurally sound, free from all contaminants and roughened to an >ICRI CSP 3 profile (similar to #60 grit sandpaper). If a vapor barrier is not present, check for vapor transmission.

SURFACE CLEANING & PROFILING METHODS

- Hydroblasting
- Scarifying
- Steel shot-blasting
- Dry abrasive blasting

MIXING

- Thoroughly mix Activator into Base with mixing stick or drill with low speed mixing blade scraping sides and bottom of container or mixing board. Mix by weight 1.9-part Base to 1-part Activator. Mix thoroughly to produce an even colored and streak-free material. **THINNING:** Never thin.

APPLICATION

- Application temperature range 10°C (50°F)-32°C (90°F) (substrate).
- Dura-Coat Krete-Seal 800 may be applied by spray system, brush, or roller.
- Brush: medium to stiff bristle of sufficient quality that bristles do not pull out and stick in coating (epoxy glued bristles are best). Trim or tape to <1" nap.
- Roller: use good quality 1/8" nap.
- To avoid sagging on vertical surfaces the maximum wet film thickness should be between 200 µm-250 µm (8-10 mil) per coat.

CLEAN UP

- Tools must be immediately cleaned after usage by using industrial alkaline detergent.

SAFETY

- Before using any products, review the appropriate Safety Data Sheet (SDS) or Safety Sheet for your area. Follow standard confined space entry and work procedures, if appropriate.

CURED TIME

	16°C (60°F)	25°C (77°F)	32°C (90°F)
TACK FREE	4 hours	2 hours	1 hour
LIGHT LOAD	12 hours	6 hours	3 hours
OVERCOAT END	16 hours	10 hours	5 hours
FULL LOAD	24 hours	12 hours	6 hours
FULL CHEMICAL	48 hours	24 hours	12 hours

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