



DURA-COAT KRETE-SEAL FAST 820

DESCRIPTION AND RECOMMENDED USES

100% solids, Dura-Coat Krete-Seal Fast 820 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 Fast 820 to flow easily, sealing cracks and filling pits. Dura-Coat Krete-Seal Fast 820 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 to rise from substrate
- Suitable for priming concrete with topcoat
- Suitable for immersion and non-immersion service

PACKAGES

	SIZE	REORDER #
OPTIONS	5kg	820-05
	10kg	820-10

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)	84	
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	33m ² @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)		



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SURFACE PREPARATION

Proper surface preparation is critically important for the long-term performance of the Dura-Coat Krete-Seal Fast 820. 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 no vapor barrier is present, check for vapor transmission.

SURFACE CLEANING & PROFILING METHODS

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

CURED TIME

	16°C (60°F)	25°C (77°F)	32°C (90°F)
TACK FREE	1 hour	45 mins.	30 mins.
LIGHT LOAD	4 hours	3 hours	2 hours
OVERCOAT END	4 hours	3 hours	2 hours
FULL LOAD	8 hours	6 hours	4 hours
FULL CHEMICAL	16 hours	12 hours	10 hours

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.

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