



DURA-COAT

KRETE-FLEX 880

DESCRIPTION AND RECOMMENDED USES

100% solids, Dura-Coat Krete-Flex 880 is a high elongation, elastomeric, hybrid-epoxy. It is ideally suited for expansion joint sealing and crack repair, and it is completely compatible with epoxy coatings. The elastomeric aspect delivers a tough, flexible resilience while the epoxy aspect provides improved water and chemical resistance and shelf stability. Dura-Coat Krete-Flex 880 epoxy reactivity eliminates the moisture sensitivity and toxicity associated with traditional urethanes. Dura-Coat Krete-Flex 880 is a light paste and is easily applied up to 250 mils without slump

- It can be applied up to 250 mils without slump
- Ideally suited for concrete protection for corrosion
- Suitable for joints and cracks
- Suitable for immersion and non-immersion service

PACKAGES

	SIZE	REORDER #
OPTIONS	10kg	880-10
	18g	880-18

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	82°C	180°F
	Dry Service	93°C	200°F
Chemical Resistance	Water	Excellent	
	Alkalis	Good	
	Inorganic Acids	Fair	
	Organic Acids	Fair	
	Organic Solvents	Poor	
Solids by Volume		100%	
Elongation		High	
Specific Gravity		1.8	
Viscosity		Light paste	
Pot Life		55 min / kg at 72°F	
Vertical SAG Resistance at 21°C (70°F) and 6.4 mm (250 mils)		No sag	
Coverage for 10 kg Kit	20sf@120mils	1.85m ² @3mm	
Mix Ratio	2:1 by weight		Base: Activator
Color	Grey		
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-Flex 880. 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 using with Dura-Coat Krete-Seal 800, surface may be damp, but not wet i.e. no free-standing water. Dura-Coat Krete-Flex 880 can be applied on damp concrete without using Dura-Coat Krete-Seal 800. A vapor barrier (Krete-Seal 800) is required for slab on grade application. If no vapor barrier is present, check for vapor transmission.

SURFACE CLEANING & PROFILING METHODS

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

CURED TIME

	16°C (60°F)	25°C (77°F)	32°C (90°F)
TACK FREE	6 hours	4 hours	3 hours
LIGHT LOAD	12 hours	10 hours	8 hours
OVERCOAT END	14 hours	12 hours	10 hours
FULL LOAD	48 hours	36 hours	18 hours
FULL CHEMICAL	96 hours	72 hours	36 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 2-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-Flex 880 may be applied by notched squeegee, putty knife or caulk gun. To avoid sagging on vertical surfaces the maximum wet film thickness should be up to 6.4mm (250 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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