

## Technical Data Sheet

**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. Krete-Flex 880 epoxy reactivity eliminates the moisture sensitivity and toxicity associated with traditional urethanes. 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.



### Application Areas:

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

### TECHNICAL DATA

Maximum Temperature (Dependent on service)	Wet Service Dry Service	82°C 93°C	180°F 200°F
Chemical Resistance	Water Alkalis Inorganic Acids Organic Acids Organic Solvents	Excellent Good Fair Fair Poor	
Elongation		70%	
Specific Gravity		1.4	
Viscosity		Light Paste	
Pot life		55 MIN / KG at 72°F	
Vertical SAG Resistance at 21C (70F) and 6.4mm (250mils)		No sag	
Coverage for 10Kg kit	26sf @120mils	2.4m2 @3mm	
Mix Ratio	1:1 by Weight		Base: Activator
Color	Grey		
Shelf life (unopened containers)	3 Years at 55-95°F (13-35°C)		

## Application Sheet

### 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

Hydro-Blasting	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-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

### Curing Schedule

	16°C (60°F)	25°C (77°F)	32°C (90°F)
Tack Free	6 hrs.	4 hrs.	3 hr.
Light Load	12 hrs.	10 hrs.	8 hrs.
Overcoat End	14 hrs.	12 hrs.	10 hrs.
Full Load	48 hrs.	36 hrs.	18 hrs.
Full Chemical	96 hrs.	72 hrs.	36 hrs.

### Clean Up

Use commercial solvents (Acetone, Xylene, Alcohol, Methyl Ethyl Ketone) to clean tools immediately after use. Once cured, the material would have to be abraded off.

### 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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