

COREKOTE POLYMER CONCRETE

CONCRETE PREPARATION

Before the coating is applied, the concrete must be:
Clean – Contaminants removed
Profiled – Surface etched
Sound – Cracks repaired

Mechanical methods are preferred for preparing concrete prior to coating application. Shot-blasting, diamond grinding, scarifying, and scabbling are all acceptable methods. The concrete profile should approximate 60-80 grit sandpaper after preparation.

MIXING

Ratio of CoreKote Polymer Concrete is 2 to 1. That is, two parts of A (resin), to one part of B (hardener). To mix 1/2 cubic foot, do the following with a drill and jiffler mixer.

1. Pour 53 oz. of part A in a five gallon bucket and premix for 30-45 seconds.
2. Add 27 oz. of part B and mix for another 30-45 second.
3. Mix in approximately 55 lbs. of Part C aggregate and mix for 1-2 minutes until blended.

APPLICATION PROCESS

The best method for application of CoreKote Polymer Concrete is to place CPC into preset forms, screed, and finish troweling. After determining layout and square footage of area, calculate required cubic feet of CPC required for project.

1. Because of the high ratio of resin to aggregate, CPC is self-priming.
2. After the forms have been set, pour CPC into the forms scrapping the sides of the bucket with trowel to empty bucket completely. (Tip: wrap the forms with duct tape for easier removal and reuse of forms)
3. Screed CPC evenly and compacting as much as possible.
4. Wait approximately 10 minutes and finish with trowel. Clean trowel often with denatured alcohol.

COLOR SELECTION

CoreKote Polymer Concrete is available in the following colors: Black, dark gray, and tile red. Other colors are available at an additional charge.

PACKAGING

CoreKote Polymer Concrete is available in two different kit sizes:

	<u>Part A</u>	<u>Part B</u>	<u>Part C</u>
1 Cubic Feet Kit	1.67 gal.	.83 gal.	90 lbs.
3 Cubic Feet Kit	5 gal.	2.5 gal.	270 lbs.

CLEANUP

CoreKote Polymer Concrete while in a liquid state may be cleaned up with water and degreaser. Otherwise a strong solvent may be required while CoreKote Polymer Concrete is setting up.

WARRANTY

Petra Polymers products are warranted for one year after date of application. Please refer to the Petra Industrial Polymer's Limited Material Warranty for additional clarification.

SAFETY

Consult CoreKote Polymer Concrete material safety data sheet. Avoid CoreKote Polymer Concrete contact with skin. Some individuals may be allergic to epoxy.



Information expressed in this data sheet is correct to the best of our knowledge. The technical data sheet does not constitute a warranty, expressed or implied as to the performance of this product. The use and application of this product is beyond our control. Warranty and liability therefore is limited to the replacement only for defective materials. Technical information is subjected to change without cause.

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