

## **Viking Paints, Inc.**

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# **PRODUCT & TECHNICAL DATA SHEET**

## **PRODUCT LINE**

PAULCO CONSTRUCTION CONCRETE EPOXY CRACK FILLER

## **PRODUCT NAME**

PAULCO TE-2501 FAST SET

## **DESCRIPTION**

PAULCO 2501Fast Set is a two-component, high solids epoxy designed for permanent crack filler for bridge decks and to be applied by (static mixing tube) equipment to go right into the cracks without waste.

## **BASIC USES**

This system was formulated to provide permanent water proofing to concrete membrane and resistance against most acids, alkalis, salt, and other chemicals.

## **TECHNICAL DATA**

Compressive Strength: 830 psi (ASTMD695)  
14 Day Bond Strength: 600 psi (ASTMC882)  
Tensile Elongation: 30% (ASTMD638)

## **PHYSICAL DATA**

	<u>Part A</u>	<u>Part B</u>	<u>Combined</u>
Color:	Red	Green	Tan
Viscosity (Kuś):	68±2 @ 72°F	64±2 @ 72°F	N/A
Weight Solids:	92±2%	87±2%	92.81%
Weight (lbs/gal):	9.14	7.86	8.5
Pot Life (min):	6±2 @ 72°F		

## **SURFACE PREPARATION**

Surfaces shall be clean, dry, and free of dirt which may later cut loose. Recommend blowing dirt out of cracks before repairing and blowing any laitance off of concrete surface with compressed air. Surface must be clean (may be damp), but must be free of standing water.

## **MIXING INSTRUCTIONS**

### **AUTO EQUIPMENT**

The machine automatically mixes components (A&B) at the tip – put 5 Gal Part A {Red} into the canister: put 5 Gal Part B {Green} into the B container: turn on the machine and make sure the colors disappear and a new light tan color is formed in the tube. Then put the tip of the mixing tube into the crack and fill the crack

### **MIXING INSTRUCTIONS**

#### **HAND APPLICATOR**

For hand held Applicators---use a Cox hand gun and snap the cartridges into the gun, take the cap off of the end of the two barrel cartridges, and put the static mixing tube on. Fasten it with a nut, then pull the trigger until the mixing tube is full, Again make sure the color changes. There is no mixing pot.

## **CURE SCHEDULE**

Apply from the mixing tube into the crack and let coating air dry. The hotter the better. Do not apply at lower than 55°F concrete temperature. At 70°F sealer will be dry in 5 hours.

## **COVERAGE**

You want it to flow into the crack and fill it and be slightly above the top of the adjacent concrete. Approx coverage is 300 linear feet per ¼ inch<sup>3</sup>.

**PAULCO 2501 Fast Set**

**STORAGE**

Store for the winter above 65 ° F.

**PACKAGING**

Currently packaged in 1 Gal and 5 Gal Pails. If you want to use hand held applicators, we would have to work out an agreement for the cartridges. You would have to buy a gun.

**WARRANTY**

The manufacturer warrants all materials to be free from defects and in accordance with testing procedures noted. We will replace any defective material at no cost within a period of one year, when applied according to our specifications. No other warranties are implied or intended. The manufacturer may also provide a written warranty to qualified contractors or an extended warranty when required by a consulting engineer.