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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 (1:1) ratio, high solids (90%) epoxy.

BASIC USES

This system was formulated to be a permanent crack filler for concrete bridge decks and other flat deck cracks. Paulco TE2501 prevents water and salt intrusion into the cracks and prevents further degradation of the concrete, provides resistance against most acids, alkalis, salt, and other chemicals.

TECHNICAL DATA

Gel Time(min): 9±5 @ 72°F (ASTMC881)
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 (Kus):	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 concrete surface with compressed air. Surface must be clean (may be damp) but must be free of standing water.

MIXING INSTRUCTIONS

AUTO EQUIPMENT

A static mixing 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 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.

APPLICATION

Can be applied with a manual two component/static mixing equipment. Apply from the mixing tube into the crack and let coating air dry Avoid application at substrate temperatures of less than 50° F

CURE SCHEDULE

Cure times depend on ambient temperature and mil thickness. At 70°F sealer will be dry in 5 hours. Dusting of silica sand over repaired cracks after 2-hrs. may then facilitate opening the bridge to traffic.

PAULCO 2501 Fast Set

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 $\frac{1}{4}$ inch³ per gallon. Product should fill cracks in cement bridge deck and cure to accept traffic within 2 hours at 70 ° F. Hotter substrate temperatures speeds cure time markedly.

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, they can be purchased from Perigee Direct. You would also 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.