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PRODUCT & TECHNICAL DATA SHEET

PRODUCT LINE

PAULCO CONSTRUCTION CONCRETE EPOXY CRACK FILLER

PRODUCT NAME

PAULCO TE-2501 STANDARD

DESCRIPTION

PAULCO 2501STANDARD 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 TE-2501 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): 30±5 @ 72°F (ASTMC881)
Compressive Strength: 830 psi (ASTMD695)
14 Day Bond Strength: 360 psi (ASTMC882)
Tensile Elongation: 57% (ASTMD638)

PHYSICAL DATA

	<u>Part A</u>	<u>Part B</u>	<u>Combined</u>
Color:	Clear	Clear	Clear
Viscosity (cps):	240±25 @ 72°F MIX		
Weight Solids:	100%	85.63%	92.81%
Weight (lbs/gal):	9.5	8.06	8.78
Pot Life (min):	30±5 @ 72°F		
V.O.C.	90.65g/l		

For additional information, please refer to the Safety Data Sheet.

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 dust off concrete surface with compressed air. Surface must be clean (may be damp) but must be free of standing water.

MIXING INSTRUCTIONS

TE-2501 Standard is a two-component product, mixed equally (one to one parts by volume). The material should be mixed in small amounts to extend the pot life. Combine Part A with Part B into one container and mix mechanically for approximately three minutes.

APPLICATION

Can be applied by mixing in a bottle and hand applied, or with a manual two component/static mixing equipment. Avoid application at substrate temperatures of less than 50° F.

CURE SCHEDULE

Cure times depend on ambient temperature and mil thickness. Minimum of 8-hour cure time at 70°F and up. Hotter substrate temperatures speeds cure time markedly. Dusting of silica sand over repaired cracks after 3-hrs. may then facilitate opening the

PAULCO 2501 Standard

bridge to traffic.

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

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.