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**PRODUCT & TECHNICAL DATA SHEET**

**PRODUCT LINE**

PAULCO CONSTRUCTION CONCRETE EPOXY CRACK FILLER

**PRODUCT NAME**

PAULCO TE-2501STANDARD

**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 decks. 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  
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 of 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. The pot life is 30 minutes. Avoid application at substrate temperatures of less than 50° F. Not intended for permanent weight bearing use.

**CURE SCHEDULE**

Cure times depend on ambient temperature and mil thickness. Minimum of 6 hour cure time at 70°F and up. Dusting of silica sand over repaired cracks after 3-hrs. may then

**PAULCO 2501 Standard**

facilitate opening the bridge to traffic.

**PERFORMANCE**

Product should fill cracks in cement bridge deck and cure to accept traffic within 5 hours at 72 ° F. Hotter substrate temperatures speeds cure time markedly.

**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.