

Evaluation Table:

PEP ID:	
Manufacturer:	
Product Name:	

1016-6 Structural Concrete Patching: Very Rapid Hardening Concrete
 ADOT Specifications: 1016-6, ASTM C 928 R2

Material Property	Specification/ Test Method	Requirement	Results	Pass/ Fail
Structural Patching Type	ASTM C928	ASTM C 928 R2		
Composition	1016-6	The material shall not contain chlorides or other ingredients of sufficient quantity to cause corrosion to steel reinforcements		
Compressive Strength, min, psi	1016-6 ASTM C928	100 psi at 3 hours		
		3,000 psi at 1 day		
		4,000 psi at 7 days		
		Strength at 28 days shall be \geq 7 days result, min		
Bond Strength (Slant Shear), min, psi	1016-6 ASTM C882 ASTM C928	1,000 psi at 1 day		
		1,500 psi at 7 days		
Length change, based on length at 3h, max, %	1016-6 ASTM 157 ASTM C928*	Allowable increase after 28 days in water +0.15%, max		
		Allowable decrease after 28 days in air -0.15% max		
Slump, min, inches	1016-6 ASTM C928	R2 consistency at 5 min after addition of mixing liquid, 3 inches		
Flow of Mortar, min, %	ASTM C928	R2 consistency at 5 min after addition of mixing liquid, 100%		
Scaling resistance to deicing chemicals after 25 cycles of freezing and thawing, max	ASTM C928	Concrete, max visual rating, 1		

*Length changes will be determined using three one-inch prisms, at three hours