

Evaluation Table

PEP ID:	XXXXXX
Manufacturer:	Name of Manufacturer
Product Name:	Name of Product

1006 – PORTLAND CEMENT CONCRETE

1006 Type G – Water Reducing, High Range & Retarding

ADOT Standard Specification: 1006-2.04, 1006-2.04(B)

Additional Specification: ASTM C494

Responsible Section: Materials Group

Material Property	Specification/ Test Method	Requirement	Results	Pass/Fail
Water content, max, % of reference	ASTM C494	88%		
Time of setting, allowable deviation from reference, h:min	ASTM C494	Initial Set Time: +1:00 hr to +3:30 hrs		
		Final Set Time: not more than +3:30 hrs		
Compressive Strength, min, % of reference	ASTM C494	125% min @ 1 day		
		125% min @ 3 days		
		115% min @ 7 days		
		110% min @ 28 days		
		100% min @ 6 months		
Flexural Strength, min, % of reference	ASTM C494	110% min @ 3 days		
		100% min @ 7 days		
		100% min @ 28 days		
Length change, max shrinkage: Increase over reference, max	ASTM C494	135% max if control length change is $\geq 0.030\%$ 0.010 if control length change is $< 0.030\%$		
Relative Durability Factor, min	ASTM C494	80		
Chloride Concentration	Arizona Test Method 738 BS EN 480-10:2009	Equal to or Less than 1% or 10,000 parts per million		