

Evaluation Table:

PEP ID:	
Manufacturer:	
Product Name:	

1006 – PORTLAND CEMENT CONCRETE:

1006-2.04 Type F – Water Reducing, High Range:

Standard Specification Section 1006-2.04, ASTM C494, 1006-2.04(B)

ADOT Drawings:

Responsible Section: Materials Group

Material Property	Specification/ Test Method	Requirement	Results	Pass/ Fail
Water Content, max, % of control	ASTM C494	88% Max		
Time of setting, allowable deviation from control, h:min:	ASTM C494	Initial Set Time: -1:00 hr to +1:30 hrs		
		Final Set Time: -1:00 hr to +1:30 hrs		
Compressive Strength, min, % of control	ASTM C494	140% min @ 1 day		
		125% min @ 3 days		
		115% min @ 7 days		
		110% min @ 28 days		
		100% min @ 6 months		
		100% min @ 1 year		
Flexural Strength, min, % of control	ASTM C494	110% min @ 3 days		
		100% min @ 7 days		
		100% min @ 28 days		
Length change over control, maximum	ASTM C494	135% max if control length change is $\geq 0.030\%$		
		0.010 if control length change is $< 0.030\%$		
Relative Durability Factor, minimum	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		