

































Concrete Mix Design							
Materials (per cubic yard)	SRA#1	SRA#2	PCC	нес	CTS Sh Compe	arinkage ensating	Rapid Set
Komn I		-	-		#1	#2	_
PC	356	355	355	543	370	370	
Flyash	88	88	88	180	-	-	-
Rapid Set Cement			-			-	658
Citric Acid	-	-	-	-	-	-	5
Course Aggregate 57	1850	1850	1850	1850	1750	1750	1772
Sand	1463	1463	1463	1196	1315	1315	1307
Water	266	266	266	264	269.5	271.5	290
MR (Polyheed (oz))	-	-	-	-	17.3	17.5	52.6
MR (Pozzolith 80 (oz))	13	14	14	29	-	-	
Eclipse (oz)	35.9	-	-	-	-	-	-
Tetraguard (oz)	-	36.1	-	-	-	-	-
WIC the	0.60	0.60	0.60	0.37	0.55	0.55	0.44

Concrete Mix Designs PCC with Shrinkage Reducing Admixtures								
	Materials (per cubic yard)	SRA#1	SRA#2	PCC	нрс	CTS Sh Compo	rinkage nsating	Rapid Set
	V I					#1	#2	
	RC RC	256		255		120	120	-
	Flyach	88	88	88	180	570	510	
	Rapid Set Cement				100			658
	Citric Acid							5
	Course Aggregate 57	1850	1850	1850	1850	1750	1750	1772
	Sand	1463	1463	1463	1196	1315	1315	1307
	Water	266	266	266	264	269.5	271.5	290
	MR (Polyheed (oz))			-	-	17.3	17.5	52.6
	MR (Pozzolith 80 (oz))	13	14	14	29	-	-	-
	Eclipse (oz)	35.9	-		-	-	-	-
	Tetraguard (oz)		36.1	-	-	-	-	-
	W/C motio	0.60	0.60	0.60	0.37	0.55	0.55	0.44

Conc The (rete	fferenc	K D€ e is th	e SRA	Ins		
Materials (per cubic yard)	SRA#1	SRA#2	PCC	нрс	CTS Sh Compe	rinkage nsating	R
					#1	#2	
Romp I		-			120	120	
FC Flyach	88	88	88	180	370	370	-
Ranid Set Cement				100			
Citric Acid			-		-		
Course Aggregate 57	1850	1850	1850	1850	1750	1750	1
Sand	1463	1463	1463	1196	1315	1315	1
Water	266	266	266	264	269.5	271.5	
MR (Polyheed (oz))	-		-	-	17.3	17.5	4
MR (Pozzolith 80 (oz))	13	14	14	29	-	-	
Eclipse (oz)	35.9	-	-		-	-	
Tetraguard (oz)	-	36.1	-	-	-	-	
W/C ratio	0.60	0.60	0.60	0.37	0.55	0.55	(

	Conc	rete	Mi)	CC a	esig	ns PC		
	Materials (per cubic yard)	SRA#1	SRA#2	РСС	HPC	CTS Sh Compe	rinkage nsating	Rapid Set
H	Komn I				-	#1	#2	_
H	PC PC	356	355	355	543	370	370	
ŀ	Flyash	88	88	88	180	5/0	5/0	
ľ	Banid Set Cement	-			-		-	658
ľ	Citric Acid	-	-		-		-	5
ľ	Course Aggregate 57	1850	1850	1850	1850	1750	1750	1772
Ē	Sand	1463	1463	1463	1196	1315	1315	1307
ľ	Water	266	266	266	264	269.5	271.5	290
ľ	MR (Polyheed (oz))	-	-	-	-	17.3	17.5	52.6
ľ	MR (Pozzolith 80 (oz))	13	14	14	29			-
1	Eclipse (oz)	35.9	-	-	-	-	-	-
	Tetraguard (oz)	-	36.1	-	-	-	-	-
	W/C ratio	0.60	0.60	0.60	0.37	0.55	0.55	0.44

	Туре	e K Shr	inkage	e Com	pensa	ting Ce	em		
Materials (per cubic yard)	SRA#1	SRA#2	PCC	HPC	CTS Sh Compe	rinkage	Raj Si		
					#1	#2			
Komp I	-	-	-	-	120	120			
PC	356	355	355	543	370	370			
Flyash	88	88	88	180		-			
Rapid Set Cement	-	-	-	-	-	-	6		
Citric Acid	-	-	-	-	-	-			
Course Aggregate 57	1850	1850	1850	1850	1750	1750	17		
Sand	1463	1463	1463	1196	1315	1315	13		
Water	266	266	266	264	269.5	271.5	29		
MR (Polyheed (oz))			-	-	17.3	17.5	52		
MR (Pozzolith 80 (oz))	13	14	14	29	-	-			
Eclipse (oz)	35.9	-	-	-	-	-			
Tetraguard (oz)	-	36.1	-	-	-	-			
W/C ratio	0.60	0.60	0.60	0.37	0.55	0.55	0.		
MR (Polyheed (oz)) MR (Pozzolith 80 (oz)) Eclipse (oz) Tetraguard (oz)	13 35.9	- 14 - 36.1	- 14	29	17.3	17.5			

	Concrete Mix Designs Rapid Set Cement								
	Materials (per cubic yard)	SRA#1	SRA#2	PCC	HPC	CTS Sh Compo #1	erinkage ensating #2	Rapid Set	
	Komp I	-		-	-	120	120	-	
	PC	356	355	355	543	370	370	-	
	Flyash	88	88	88	180	-	-	-	
	Rapid Set Cement	-	-	-	-	-	-	658	
	Citric Acid	-	-	-	-	-	-	5	
	Course Aggregate 57	1850	1850	1850	1850	1750	1750	1772	
	Sand	1463	1463	1463	1196	1315	1315	1307	
	Water	266	266	266	264	269.5	271.5	290	
	MR (Polyheed (oz))	-	-	-	-	17.3	17.5	52.6	
	MR (Pozzolith 80 (oz))	13	14	14	29	-	-	•	
	Eclipse (oz)	35.9	-	-	-	-	-	•	
	Tetraguard (oz)	-	36.1	-	-	-	-	-	
	W/C ratio	0.60	0.60	0.60	0.37	0.55	0.55	0.44	
Q	W/C ratio	0.60	0.60	0.60	0.37	0.55	0.55	0.44	















































































Joint at	insion ays	
Mix	inch	> Type K, Shrinkage Comp
Type K, Shrinkage Comp	0.0631	
PCC + Eclipse	0.1348	213%
PCC + Tetraguard	0.1543	244%
PCC	0.2313	367%
HPC	0.2895	459%







