

































Test Res	ults			
ICC Mix	Age	Comp. Strength	MOE (psi)	
A, B	1-day	3350 psi	-	
C, D	3.5-day	4950 psi	3,500,000	
E, F	7.5-day	5380 psi	3,730,000	
G, H, I	28-day	6700 psi	3,590,000	
J, K	56-day	7650 psi	-	
Traditional Mix	Age	Comp. Strength	MOE (psi)	
А, В	1-day	4060 psi	•	
C, D	3.5-day	5460 psi	3,350,000	
E, F	7.5-day	6160 psi	3,710,000	
G, H, I	28-day	7140 psi	3.810,000	
J, K	56-day	7890 psi	-	
DENV	ER WATER			





Age	0% Fly Ash strength	10% Fly Ash Strength
3-day	4600 psi	4580 psi
5-day	4990 psi	5220 psi
7-day	5200 psi	5200 psi
28-day	6340 psi	6890 psi







Structure	Average Peak Temp	Time to Peak
Floor Slab (5" thick)	77.0 F	5 hours
Ring Girder (24" thick)	112.6 F	10 hours
Walls (13" thick)	86.7 F	12 hours
Roof Slab (8" thick)	92.1 F	12 hours



































