



CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000005
07/22/2022, 7-day
Report Date: 08/02/2022
Sample: 103107

Colorado Springs

5170 Mark Dabling Blvd
Colorado Springs, CO 80918
Phone: 719-528-8300

Client:

Sub4 Development Corporation
2301 West Bradley Avenue Suite 2
Champaign, IL 61821

Project:

CS19163.001F-365
Solace Colorado Springs
Powers Boulevard and Galley Road
Colorado Springs, CO

Sample Details

Set #:	3	Technician:	Chavez, Angel	Batched:	06:58 MDT
Specimen Size:	CS 4" X 8"	Cast By:	Chavez, Angel	Sampled:	07:50 MDT
Specimens In Set:	5	Date Cast:	07/22/22	Cast:	08:05 MDT
Truck / Ticket #:	1913 / 14006237	Sampled From:	Pump	Truck Empty:	
Contractor:	Araco Concrete	Placement Method:	Pump	Placement Time:	

Location

Placement Location:	Valley Pan
Location Details:	Channel Pan
Sample Location / Notes:	Channel pan

Batch Log

Supplier:	SRM Concrete	Mix Design:	ZCD4195	Strength:	4500 (psi)
Plant:	21014				
On-Site Admixtures:	None				

Specifications

Field Measurements

Weather:	Sunny	Slump (in):	4-1/2	Plastic Unit Weight:	140.0 (lb/ft³)
Air Temperature (F):	77	Concrete Temp (F):	77	Air Content:	5.7
				Load Volume:	10.00 (yd³)

Standard Cure

Field Cure

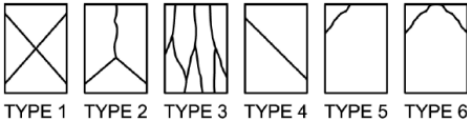
Lab Test Results

Testing Lab: Colorado Springs, 5170 Mark Dabling Blvd., Colorado Springs, CO, 80918										
Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
3-1	7	07/29/22	1 / 6	4.00	12.57	45,554	3,620	2		N
3-2	28	08/19/22	1 / 27							
3-3	28	08/19/22	1 / 27							
3-4	28	08/19/22	1 / 27							
3-5	56 H	09/16/22	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3620

Capping Methods

Tested By: Mark Coppeak (1)	N: Unbonded Caps (ASTM C1231)
Checked In : 07/23/2022 (1,2,3,4,5)	





CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000006
07/22/2022, 7-day
Report Date: 08/02/2022
Sample: 103116

Colorado Springs

5170 Mark Dabling Blvd
Colorado Springs, CO 80918
Phone: 719-528-8300

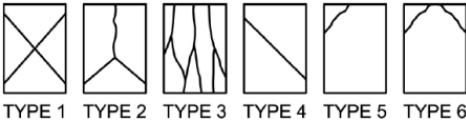
Client:

Sub4 Development Corporation
2301 West Bradley Avenue Suite 2
Champaign, IL 61821

Project:

CS19163.001F-365
Solace Colorado Springs
Powers Boulevard and Galley Road
Colorado Springs, CO

Sample Details										
Set #:	4	Technician:	Chavez, Angel		Batched:	08:23 MDT				
Specimen Size:	CS 4" X 8"	Cast By:	Chavez, Angel		Sampled:	09:35 MDT				
Specimens In Set:	5	Date Cast:	07/22/22		Cast:	09:50 MDT				
Truck / Ticket #:	1915 / 14006246	Sampled From:	Pump		Truck Empty:					
Contractor:	Araco Concrete	Placement Method:	Pump		Placement Time:					
Location										
Placement Location:	Valley Pan									
Location Details:	Channel Pan									
Sample Location / Notes:	Channel pan									
Batch Log						Specifications				
Supplier:	SRM Concrete	Mix Design:	ZCD4195			Strength:	4500 (psi)			
Plant:	21014									
On-Site Admixtures:	None									
Field Measurements										
Weather:	Sunny	Slump (in):	4		Plastic Unit Weight:	140.8 (lb/ft ³)				
Air Temperature (F):	80	Concrete Temp (F):	79		Air Content:	5.4				
						Load Volume:	10.00 (yd ³)			
Standard Cure					Field Cure					
Lab Test Results										
Testing Lab: Colorado Springs, 5170 Mark Dabling Blvd., Colorado Springs, CO, 80918										
Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
4-1	7	07/29/22	1 / 6	3.99	12.50	49,950	4,000	2		N
4-2	28	08/19/22	1 / 27							
4-3	28	08/19/22	1 / 27							
4-4	28	08/19/22	1 / 27							
4-5	56 H	09/16/22	1 / 55							
Test Age Average Strengths (psi): 7 Day - 4000										
								Capping Methods		
Tested By: Mark Coppeak (1)								N: Unbonded Caps (ASTM C1231)		
Checked In : 07/23/2022 (1,2,3,4,5)										



Test results relate only to the sample tested.

Cylinders received in good condition unless noted otherwise. Physical properties of concrete (ASTM C143, C231, C138, C1064).

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