



CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000031
07/25/2022, 28-day
Report Date: 08/23/2022
Sample: 103199

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 #:	5	Technician:	Scott, Tanner	Batched:	06:11 MDT
Specimen Size:	CS 4" X 8"	Cast By:	Scott, Tanner	Sampled:	07:00 MDT
Specimens In Set:	5	Date Cast:	07/25/22	Cast:	07:15 MDT
Truck / Ticket #:	1748 / 14006310	Sampled From:	Pump	Truck Empty:	
Contractor:	Araco Concrete	Placement Method:	Pump	Placement Time:	

Location

Placement Location:	Channel Liner
Location Details:	Channel Pan
Sample Location / Notes:	North side of project, garage east of Building A

Batch Log

Supplier:	SRM Concrete	Mix Design:	N4405SP	Strength:	4500 (psi)
Plant:	21014				
On-Site Admixtures:	None				

Specifications

Field Measurements

Weather:	Sunny	Slump (in):	6-1/2	Plastic Unit Weight:	145.8 (lb/ft ³)
Air Temperature (F):	60	Concrete Temp (F):	80	Air Content:	1.9
				Load Volume:	10.00 (yd ³)

Standard Cure

Field Cure

Lab Test Results

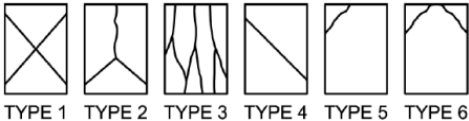
Testing Lab: Colorado Springs, 5170 Mark Dabling Blvd., Colorado Springs, CO, 80918

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
5-1	7	08/01/22	1 / 6	4.00	12.57	56,161	4,470	2		N
5-2	28	08/22/22	1 / 27	4.00	12.57	71,283	5,670	3	C4	N
5-3	28	08/22/22	1 / 27	4.00	12.57	69,456	5,530	3	C4	N
5-4	28	08/22/22	1 / 27	4.00	12.57	71,203	5,670	3	C4	N

Test Age Average Strengths (psi): 7 Day - 4470, 28 Day - 5620

Capping Methods

C4: Strength is greater than or equal to f'c.	N: Unbonded Caps (ASTM C1231)
Tested By: Mark Coppeak (1,2,3,4)	
Checked In : 07/26/2022 (1,2,3,4)	





CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000032
07/25/2022, 28-day
Report Date: 08/23/2022
Sample: 103204

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 #:	6	Technician:	Scott, Tanner	Batched:	07:34 MDT
Specimen Size:	CS 4" X 8"	Cast By:	Scott, Tanner	Sampled:	08:10 MDT
Specimens In Set:	5	Date Cast:	07/25/22	Cast:	08:25 MDT
Truck / Ticket #:	1901 / 14006315	Sampled From:	Pump	Truck Empty:	
Contractor:	Araco Concrete	Placement Method:	Pump	Placement Time:	

Location

Placement Location:	Channel Liner
Location Details:	Channel Pan
Sample Location / Notes:	North side of project, garage east of Building A

Batch Log

Supplier:	SRM Concrete	Mix Design:	N4405SP	Strength:	4500 (psi)
Plant:	21014				
On-Site Admixtures:	None				

Specifications

Field Measurements

Weather:	Sunny	Slump (in):	6	Plastic Unit Weight:	146.6 (lb/ft ³)
Air Temperature (F):	65	Concrete Temp (F):	79	Air Content:	1.9
				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
6-1	7	08/01/22	1 / 6	4.00	12.57	61,615	4,900	3		N
6-2	28	08/22/22	1 / 27	4.00	12.57	72,692	5,780	1	C4	N
6-3	28	08/22/22	1 / 27	4.00	12.57	70,480	5,610	5	C4	N
6-4	28	08/22/22	1 / 27	4.00	12.57	72,866	5,800	3	C4	N

Test Age Average Strengths (psi): 7 Day - 4900, 28 Day - 5730

Capping Methods

C4: Strength is greater than or equal to f'c.	N: Unbonded Caps (ASTM C1231)
Tested By: Mark Coppeak (1,2,3,4)	
Checked In : 07/26/2022 (1,2,3,4)	

