



CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000002
06/21/2022, 28-day
Report Date: 07/21/2022
Sample: 101778

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 #:	1	Technician:	Souza, Alexander	Batched:	12:02 MDT
Specimen Size:	CS 4" X 8"	Cast By:	Souza, Alexander	Sampled:	12:41 MDT
Specimens In Set:	5	Date Cast:	06/21/22	Cast:	12:56 MDT
Truck / Ticket #:	2033 / 14004802	Sampled From:	Chute	Truck Empty:	
Contractor:	Araco concrete contractors llc	Placement Method:	Pump	Placement Time:	

Location

Placement Location:	Wall
Location Details:	12" channel wall
Sample Location / Notes:	Bottom east end of wall

Batch Log

Supplier:	SRM Concrete	Mix Design:	ZA4704SP	Strength:	4000 (psi)
Plant:	21014				
On-Site Admixtures:	None				

Specifications

Field Measurements

Weather:	Scattered clouds	Slump (in):	5	Plastic Unit Weight:	142.5 (lb/ft³)
Air Temperature (F):	78	Concrete Temp (F):	79	Air Content:	5.0
				Load Volume:	8.00 (yd³)

Standard Cure

Min / Max Temp (F):	68/75
Initial Cure Method:	Box
Final Cure Method:	Tank

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
1-1	7	06/28/22	1 / 6	4.00	12.57	58,506	4,650	3		N
1-2	28	07/19/22	1 / 27	4.00	12.57	66,385	5,280	3	C4	N
1-3	28	07/19/22	1 / 27	4.00	12.57	65,600	5,220	3	C4	N
1-4	28	07/19/22	1 / 27	4.00	12.57	66,909	5,320	3	C4	N

Test Age Average Strengths (psi): 7 Day - 4650, 28 Day - 5270

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 : 06/22/2022 (1,2,3,4)	

