



CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000017
07/18/2022, 28-day
Report Date: 08/16/2022
Sample: 102885

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 #:	2	Technician:	Murton, Bryceann	Batched:	15:48 MDT
Specimen Size:	CS 4" X 8"	Cast By:	Murton, Bryceann	Sampled:	15:05 MDT
Specimens In Set:	5	Date Cast:	07/18/22	Cast:	15:20 MDT
Truck / Ticket #:	1635 /	Sampled From:	Chute	Truck Empty:	
Contractor:		Placement Method:	Pump	Placement Time:	

Location

Placement Location:	Wall
Location Details:	Channel Wall
Sample Location / Notes:	East of the north entrance

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:	135.2 (lb/ft³)
Air Temperature (F):	92	Concrete Temp (F):	75	Air Content:	7.0
				Load Volume:	10.00 (yd³)

Standard Cure

Min / Max Temp (F):	68/78	Field Cure	
Initial Cure Method:	Box		
Final Cure Method:	Tank		

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
2-1	7	07/25/22	1 / 6	4.00	12.57	56,025	4,460	3		N
2-2	28	08/15/22	1 / 27	4.00	12.57	65,877	5,240	3	C4	N
2-3	28	08/15/22	1 / 27	4.00	12.57	65,774	5,230	3	C4	N
2-4	28	08/15/22	1 / 27	4.00	12.57	65,668	5,220	2	C4	N

Test Age Average Strengths (psi): 7 Day - 4460, 28 Day - 5230

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 : 07/19/2022 (1,2,3,4)	



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6