



# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000013  
08/03/2022, 7-day  
Report Date: 08/10/2022  
Sample: 103616

### 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

<b>Set #:</b>	7	<b>Technician:</b>	Chavez, Angel	<b>Batched:</b>	05:25 MDT
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Chavez, Angel	<b>Sampled:</b>	06:10 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/03/22	<b>Cast:</b>	06:25 MDT
<b>Truck / Ticket #:</b>	1915 / 14006632	<b>Sampled From:</b>	Pump	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco Concrete	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Inlet Base
<b>Location Details:</b>	Channel Liner
<b>Sample Location / Notes:</b>	For irrigation channel on the east side of the job site running south

### Batch Log

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

### Specifications

### Field Measurements

<b>Weather:</b>	Sunny	<b>Slump (in):</b>	3-1/2	<b>Plastic Unit Weight:</b>	140.4 (lb/ft <sup>3</sup> )
<b>Air Temperature (F):</b>	64	<b>Concrete Temp (F):</b>	78	<b>Air Content:</b>	5.5
				<b>Load Volume:</b>	10.00 (yd <sup>3</sup> )

### Standard Cure

### Field Cure

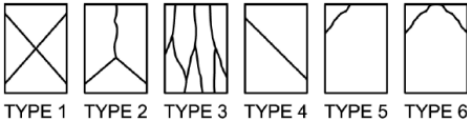
### Lab Test Results

<b>Testing Lab:</b> 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 <sup>2</sup> )	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
7-1	7	08/10/22	1 / 6	4.00	12.57	48,778	3,880	2		N
7-2	28	08/31/22	1 / 27							
7-3	28	08/31/22	1 / 27							
7-4	28	08/31/22	1 / 27							
7-5	56	09/28/22	1 / 55							

**Test Age Average Strengths (psi): 7 Day - 3880**

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/04/2022 (1,2,3,4,5)	





# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000014  
08/03/2022, 7-day  
Report Date: 08/10/2022  
Sample: 103622

### 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

<b>Set #:</b>	9	<b>Technician:</b>	Chavez, Angel	<b>Batched:</b>	07:10 MDT
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Chavez, Angel	<b>Sampled:</b>	07:55 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/03/22	<b>Cast:</b>	08:10 MDT
<b>Truck / Ticket #:</b>	2106 / 14006646	<b>Sampled From:</b>	Pump	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco Concrete	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Inlet Base
<b>Location Details:</b>	Channel Liner
<b>Sample Location / Notes:</b>	For irrigation channel on the east side of the job site running south

### Batch Log

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

### Specifications

### Field Measurements

<b>Weather:</b>	Sunny	<b>Slump (in):</b>	5-1/2	<b>Plastic Unit Weight:</b>	139.6 (lb/ft³)
<b>Air Temperature (F):</b>	79	<b>Concrete Temp (F):</b>	79	<b>Air Content:</b>	5.5
				<b>Load Volume:</b>	10.00 (yd³)

### Standard Cure

### Field Cure

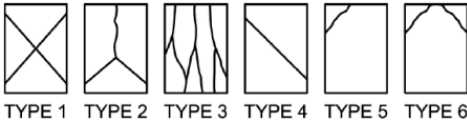
### Lab Test Results

<b>Testing Lab:</b> 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
9-1	7	08/10/22	1 / 6	4.00	12.57	49,963	3,980	3		N
9-2	28	08/31/22	1 / 27							
9-3	28	08/31/22	1 / 27							
9-4	28	08/31/22	1 / 27							
9-5	56	09/28/22	1 / 55							

**Test Age Average Strengths (psi):** 7 Day - 3980

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/04/2022 (1,2,3,4,5)	





# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000015  
08/03/2022, 7-day  
Report Date: 08/10/2022  
Sample: 103623

### Colorado Springs

5170 Mark Dabbling 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

<b>Set #:</b>	10	<b>Technician:</b>	Chavez, Angel	<b>Batched:</b>	07:54 MDT
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Chavez, Angel	<b>Sampled:</b>	09:00 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/03/22	<b>Cast:</b>	09:15 MDT
<b>Truck / Ticket #:</b>	1915 / 14006656	<b>Sampled From:</b>	Pump	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco Concrete	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Inlet Base
<b>Location Details:</b>	Channel Liner
<b>Sample Location / Notes:</b>	For irrigation channel on the east side of the job site running south

### Batch Log

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

### Specifications

### Field Measurements

<b>Weather:</b>	Sunny	<b>Slump (in):</b>	5	<b>Plastic Unit Weight:</b>	138.8 (lb/ft <sup>3</sup> )
<b>Air Temperature (F):</b>	79	<b>Concrete Temp (F):</b>	80	<b>Air Content:</b>	5.0
				<b>Load Volume:</b>	10.00 (yd <sup>3</sup> )

### Standard Cure

### Field Cure

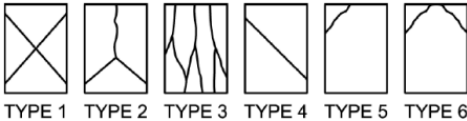
### Lab Test Results

<b>Testing Lab:</b> Colorado Springs, 5170 Mark Dabbling Blvd., Colorado Springs, CO, 80918										
Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in <sup>2</sup> )	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
10-1	7	08/10/22	1 / 6	4.00	12.57	45,550	3,620	3		N
10-2	28	08/31/22	1 / 27							
10-3	28	08/31/22	1 / 27							
10-4	28	08/31/22	1 / 27							
10-5	56	09/28/22	1 / 55							

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

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/04/2022 (1,2,3,4,5)	





# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000016  
08/03/2022, 7-day  
Report Date: 08/10/2022  
Sample: 103624

### 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

<b>Set #:</b>	11	<b>Technician:</b>	Chavez, Angel	<b>Batched:</b>	09:22 MDT
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Chavez, Angel	<b>Sampled:</b>	10:08 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/03/22	<b>Cast:</b>	10:22 MDT
<b>Truck / Ticket #:</b>	2033 / 14006667	<b>Sampled From:</b>	Pump	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco Concrete	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Inlet Base
<b>Location Details:</b>	Channel Liner
<b>Sample Location / Notes:</b>	For irrigation channel on the east side of the job site running south

### Batch Log

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

### Specifications

### Field Measurements

<b>Weather:</b>	Sunny	<b>Slump (in):</b>	4	<b>Plastic Unit Weight:</b>	140.4 (lb/ft <sup>3</sup> )
<b>Air Temperature (F):</b>	79	<b>Concrete Temp (F):</b>	78	<b>Air Content:</b>	5.3
				<b>Load Volume:</b>	10.00 (yd <sup>3</sup> )

### Standard Cure

### Field Cure

### Lab Test Results

<b>Testing Lab:</b> 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 <sup>2</sup> )	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
11-1	7	08/10/22	1 / 6	4.00	12.57	50,424	4,010	3		N
11-2	28	08/31/22	1 / 27							
11-3	28	08/31/22	1 / 27							
11-4	28	08/31/22	1 / 27							
11-5	56	09/28/22	1 / 55							

**Test Age Average Strengths (psi): 7 Day - 4010**

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/04/2022 (1,2,3,4,5)	

