



CONCRETE COMPRESSIVE STRENGTH

Test Method: ASTM C39

Report #: CC-000016
Sample 264177 7-day
Report Date: 09/23/2021
Sample: 264177

S&ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27616
Phone: 919-872-2660
Fax: 919-876-3958

Client: SHEETZ, Inc.
1737 White Kennel Road
Burlington, NC 27215

Project: 214164
Sheetz #716 Cameron
Intersection of Sawyer Rd and NC Hwy 24
Cameron, NC 28326

Sample Details

Set #:	9	Technician:	James MUENCH	Batched:	11:29 EDT
Specimen Size:	4" X 8"	Cast By:	James MUENCH	Sampled:	12:15 EDT
Specimens In Set:	5	Date Cast:	09/15/21	Cast:	12:20 EDT
Truck / Ticket #:	559 / 2446754	Sampled From:	Chute	Truck Empty:	12:55 EDT
Contractor:	Ready Contractors	Placement Method:	Chute	Placement Time:	86 (min)

Location

Placement Location:	PAVEMENT
Location Details:	Car wash drive through entrance and exit
Sample Location / Notes:	Car wash drive exit

Batch Log

Supplier:	05-S & W Concrete	Mix Design:	G40CB	Strength:	4000 (psi)
Plant:	Plant 258 A			Air:	4 - 7 (%)
On-Site Admixtures:	None			Slump:	3 - 5 (in)

Specifications

Field Measurements

Weather:	Clear	Slump (in):	3-1/4 (ASTM C143)	Plastic Unit Weight:	140.1 (lb/ft³) (ASTM C138)
Air Temperature (F):	85	Concrete Temp (F):	84 (ASTM C1064)	Air Content:	5.6 (ASTM C231)
				Load Volume:	9.00 (yd³)

Standard Cure

Field Cure

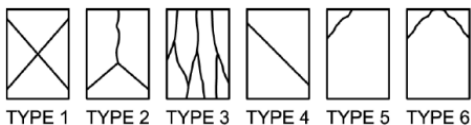
Lab Test Results

Testing Lab: Raleigh, 3201 Spring Forest Road, Raleigh, NC, 27616										
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	09/22/21	1 / 6	3.99	12.50	60,960	4,880	3	P7	U
9-2	28	10/13/21	1 / 27							
9-3	28	10/13/21	1 / 27							
9-4	28	10/13/21	1 / 27							
9-5	28 H	10/13/21	1 / 27							

Test Age Average Strengths (psi): 7 Day - 4880

Capping Methods

P7: The 7-day compressive strength test result meets or exceeds 70% of the 28-day specified strength. Tested By: Mal KRAJAN (1)	U: Unbonded Caps (ASTM C1231)
Checked In : 09/16/2021 (1,2,3,4,5)	



Reviewed/Prepared by:
Jan ROSS
Sep 23, 2021