



Compressive Strength of Concrete

Test Method: ASTM C 39

Report Date: 07/16/2024

Sample: 447005

Alpha Omega Geotech, Inc

1701 State Avenue
Kansas City, KS 66102
Phone: 913-371-0000

Client:

Tailor Made Exteriors
1610 SE Hamblen Rd
Lee's Summit, MO 64081

Project:

230445
TM Fieldhouse
1600 SE Hamblen Rd
Lees Summit, MO 64081

Sample Details

Set #:	15	Technician:	Contractor	Batched:	
Specimen Size:	4" X 8"	Cast By:	Contractor	Sampled:	
Specimens In Set:	4	Date Cast:	07/08/24	Cast:	
Truck / Ticket #:	/ 1002025	Sampled From:		Truck Empty:	
Contractor:	Secon Construction	Placement Method:		Placement Time:	

Location

Placement Location: Building Interior - Slab on Grade

Batch Log

On-Site Admixtures: None

Specifications

Strength: 4000 (psi)

Field Measurements

Weather:	Slump (in):	5 (ASTM C143)	Plastic Unit Weight:	
Air Temperature (F):	Concrete Temp (F):	84 (ASTM C1064)	Air Content:	
			Load Volume:	

Lab Test Results

Testing Lab: Alpha Omega Geotech, 1701 State Ave, Kansas City, KS, 66102

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
15-1	7	07/15/24	1 / 6	4.00	12.57	51,240	4,080	2		N
15-2	28	08/05/24	1 / 27							
15-3	28	08/05/24	1 / 27							
15-4	28	08/05/24	1 / 27							

Test Age Average Strengths (psi): 7 Day - 4080

Capping Methods

Tested By: Marquis Gaston (1)

N: Neoprene

Checked In : 07/09/2024 (1,2,3,4)



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