

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Terracon

Report Number: CB211289.0001A
Service Date: 08/06/21
Report Date: 09/03/21 Revision 2 - 28-day results
Task:

1355 E Cooley Dr, Ste C
Colton, CA 92324-3954
909-824-7311

Client

Stack Wall Manufacturing LLC
Attn: Chris Manko
149 S San Antonio Ave
Pomona, CA 91766

Project

StackWall Concrete Testing
149 S. San Antonio Ave.
Pomona, CA 91766

Project Number: CB211289

Material Information

Specified Strength:

Mix ID:

Supplier:

Batch Time: 0815

Truck No.:

Plant: StackWall

Ticket No.:

Sample Information

Sample Date: 08/06/21 Sample Time: 0817

Sampled By: Chad Gretzner

Weather Conditions: Sunny

Accumulative Yards: 0.2 Batch Size (cy): 0.2

Placement Method: Direct Discharge

Water Added Before (gal): 0

Water Added After (gal): 0

Sample Location: Batch plant

Placement Location: Trial batch

Field Test Data

Test	Result	Specification
Slump (in):	0	
Air Content (%):		
Concrete Temp. (F):	80	
Ambient Temp. (F):	79	
Plastic Unit Wt. (pcf):		
Yield (Cu. Yds.):		

Laboratory Test Data

Set No.	Specimen ID	Avg Diam. (in)	Area (sq in)	Date Received	Date Tested	Age at Test (days)	Maximum Load (lbs)	Compressive Strength (psi)	Fracture Type	Tested By
1A	A	6.00	28.27	08/09/21	08/09/21	3	180,240	6,370	2	JJC
1A	B	6.00	28.27	08/09/21	08/13/21	7	196,350	6,940	2	JJC
1A	C	6.00	28.27	08/09/21	09/03/21	28	228,830	8,090	2	MTP
1A	D	6.00	28.27	08/09/21	09/03/21	28	233,830	8,270	2	MTP
Average (28 days)								8,180		
1A	E			08/09/21		Hold				

Initial Cure: Inside

Final Cure: Moist Room

Comments: Not tested for plastic unit weight.

Set 1A was cast on top of their vibrating table. The table was on continuously as I filled each cylinder and finished the top of the cylinder.

Samples Made By: Terracon

Services: Perform sampling of Concrete while performing concrete observation/inspection. No labor billed to this service order.

Terracon Rep.: Chad Gretzner

Reported To: Eliza with Stackwall

Contractor:

Report Distribution:

(1) Stack Wall Manufacturing LLC, Chris Manko (1) Stack Wall Manufacturing LLC, Eliza Herberg

Reviewed By:



Brandon Rose, ICC/CWI
Group Manager, Materials Services

Test Methods: ASTM C 31, ASTM C39, ASTM C138, ASTM C143, ASTM C172, ASTM C231, ASTM C1064, ASTM C1231

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

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Project

StackWall Concrete Testing
149 S. San Antonio Ave.
Pomona, CA 91766

Project Number: CB211289

Material Information

Specified Strength:

Mix ID:

Supplier:

Batch Time: 0840

Truck No.:

Plant: StackWall

Ticket No.:

Sample Information

Sample Date: 08/06/21 Sample Time: 0843

Sampled By: Chad Gretzner

Weather Conditions: Sunny

Accumulative Yards: 0.2 Batch Size (cy): 0.2

Placement Method: Direct Discharge

Water Added Before (gal): 0

Water Added After (gal): 0

Sample Location: Sampled at batch plant for trial batch

Placement Location: Trial batch

Field Test Data

Test	Result	Specification
Slump (in):	0	
Air Content (%):		
Concrete Temp. (F):	81	
Ambient Temp. (F):	80	
Plastic Unit Wt. (pcf):		
Yield (Cu. Yds.):		

Laboratory Test Data

Set No.	Specimen ID	Avg Diam. (in)	Area (sq in)	Date Received	Date Tested	Age at Test (days)	Maximum Load (lbs)	Compressive Strength (psi)	Fracture Type	Tested By
1B	A	6.00	28.27	08/09/21	08/09/21	3	185,020	6,540	2	JJC
1B	B	6.00	28.27	08/09/21	08/13/21	7	207,030	7,320	2	JJC
1B	C	6.00	28.27	08/09/21	09/03/21	28	228,800	8,090	2	MTP
1B	D	6.00	28.27	08/09/21	09/03/21	28	226,210	8,000	2	MTP
Average (28 days)								8,050		
1B	E			08/09/21		Hold				

Initial Cure: Inside

Final Cure: Moist Room

Comments: Not tested for plastic unit weight.

Set 1B was cast under ASTM standards for 6x12 cylinders.

Samples Made By: Terracon

Services: Perform sampling of Concrete while performing concrete observation/inspection. No labor billed to this service order.

Terracon Rep.: Chad Gretzner

Reported To: Eliza with Stackwall

Contractor:

Report Distribution:

(1) Stack Wall Manufacturing LLC, Chris Manko (1) Stack Wall Manufacturing LLC, Eliza Herberg

Reviewed By:



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Group Manager, Materials Services

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