S.W.COLE ENGINEERING, INC.

Report of Mortar Compressive Strength

ASTM C109

Project Name: Portland Me - The Park Danforth - Construction Materials Testing Services

Project Number: 14-0065.2

Client: The Park-Danforth

Client Contract Number:

General Contractor:

Masonry Contractor: ON-SITE

PLACEMENT INFORMATION

Date Cast: 5/6/2016 **Time Cast:** 8:35 **Date Received:** 5/7/2016

Placement Location: ELEVATOR BETWEEN 1 LINE & 1.4 LINE 2 COURSES BELOW MID HEIGHT ON 5TH FLOOR

Batch Method: HAND TROWEL

Product Manufacturer:

Specimens Made By: CHARLES CROMWELL

Aggregate:

INITIAL CURING CONDITIONS

Min. Temp (°F) 45 **Max. Temp (°F)** 66

MIX INFORMATION

Mortar Type: S

Admixtures:

TEST RESULTS

Air Temp (°F): 48

Mortar Temp (°F) (C-1064): 50

Ambient RH (%):

Flow Cone (%):

Cube Designation	Area(In)²	Date Of Test	Age (days)	Load (kips)	Strength (psi)
730-62A	4.10	5/13/2016	**7**	14.8	**3610**
730-62B	4.04	5/13/2016	**7**	15.2	**3760**
730-62C	4.01	5/13/2016	**7**	15.0	**3740**
730-62D		6/3/2016	**28**		
730-62E		6/3/2016	**28**		
730-62F		6/3/2016	**28**		

Remarks:

Note: ASTM C270 specifies mortar testing under laboratory conditions only for acceptance of mortar mixes under the property specification. Field sampling and testing of mortar is conducted under ASTM C780 and is used to verify consistency of materials and procedures, not mortar strength.

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