



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: 4/13/2016 **Time Cast:** 9:30 **Date Received:** 4/14/2016

Placement Location: 8" CMU GARBAGE ROOM BASEMENT

Batch Method: HAND

Product Manufacturer:

Specimens Made By: CHARLES CROMWELL

Aggregate:

INITIAL CURING CONDITIONS

Min. Temp (°F) **Max. Temp (°F)**

MIX INFORMATION

Mortar Type: S

TEST RESULTS

Air Temp (°F): 50

Mortar Temp (°F) (C-1064): 50

Ambient RH (%):

Flow Cone (%):

Admixtures:

Cube Designation	Area(In) ²	Date Of Test	Age (days)	Load (kips)	Strength (psi)
730-52A	4.11	4/20/2016	7	15.4	3750
730-52B	4.15	4/20/2016	7	16.0	3850
730-52C	4.18	4/20/2016	7	16.4	3930
730-52D		5/11/2016	28		
730-52E		5/11/2016	28		
730-52F		5/11/2016	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.