



October 4, 2022

**Atlas No. 760  
Report No. 10R**

**Mr. Javier Linares  
Calstone  
5787 Obata Way  
Gilroy, California 95020**

Subject: CONFORMANCE TESTING OF MORTAR  
CALSTONE TYPE M MORTAR  
ASTM C270 "STANDARD SPECIFICATION FOR MORTAR FOR UNIT  
MASONRY"

Dear Mr. Linares:

In accordance with your request, Atlas Technical Consultants, LLC (FKA SCST), prepared and tested the above referenced product. Atlas mixed the materials on September 3, 2022 and tested for water retention, air content, and compressive strength. The testing requirements of ASTM C109, "Standard Test Method for Compressive Strength of Hydraulic Cement Mortars," were used during preparation and testing of materials on Table A.

**ASTM C109 - COMPRESSIVE STRENGTH TEST RESULTS**

<b>Sample No.:</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>Age:</b>	7 days	7 days	7 days	28 days	28 days	28 days
<b>Load, lbs:</b>	14,440	14,870	14,560	17,420	17,690	18,020
<b>Strength, psi:</b>	3,610	3,720	3,640	4,360	4,420	4,510
<b>Average:</b>	3,660			4,430		

<b>TEST CHARACTERISTIC</b>	<b>RESULTS</b>	<b>SPECIFICATION</b>
Water Retention, % (ASTM C1506)	81	75 Min.
Air Content, % (ASTM C270)	3.5	12 Max.

Respectfully Submitted,  
**Atlas Technical Consultants, LLC**

Austin Hill, ACI #01234231  
Laboratory Manager

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