



Construction Testing Sciences
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May 14, 2012

Mr. Allen Rhoden
AHI Supply, Inc.
2800 N. Gordon
Alvin, TX 77511

Reference: Architectural Cast Stone
Freeze / Thaw Testing
CTS Project No.: 101029

Dear Mr. Rhoden:

Construction Testing Sciences, LLC (CTS) has completed the laboratory testing on the samples of Architectural Cast Stone submitted by AHI Supply.

Scope of Work

The scope of work for this project included freeze / thaw testing in accordance with ASTM C 666, Method A, for determination of compliance with ASTM C 1364, Specification for Architectural Cast Stone, Section 5.6.

Test Methods

ASTM C 666, Method A specifies subjecting the test specimens to total immersion in water throughout the duration of the test. Samples were removed periodically to collect residue in the pans, which was then oven dried and cumulative weights recorded for each sample. These weights were then compared to the total combined weight of the oven dried residue and oven dried bulk sample to determine percent loss.

Results

Upon completion of the freeze / thaw testing, the material loss in percent ranged from 0.75 to 1.01.

Summary

The submitted samples meet the minimum requirements of ASTM C 1364 which allows a maximum percent loss of 5.0%.

A handwritten signature in blue ink, appearing to read "Jack Gary".

Jack Gary
General Manager



Report of Freeze / Thaw Durability

Client: AHI Supply, Inc.
Project: Freeze / Thaw Testing
Project No.: 101029

Test Method: ASTM C 666, Standard Test Method for Resistance of Concrete to Rapid Freezing and Thawing, Method A

Sample Identification	Oven Dry Weight of Bulk Sample and Residue (grams)	Oven Dry Weight of Residue Only (grams)	Percent Loss
A	6758.83	68.33	1.01
B	6560.47	28.97	0.44
C	5748.77	33.57	0.58

Technician: K. Smith