

BOWSER-MORNER, INC.

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REPORT ON FREEZE THAW DURABILITY

Report To: Reading Rock, Inc.
Attn: David Zawada
4600 Devitt Drive
Cincinnati, Ohio 45246

Report Date: 08/02/17
Job No.: 179629
Report No.: 112541
Date Submitted: 05/11/17
No. of Pages: 1

Test Method: ASTM C 666A - Resistance of Concrete to Rapid Freezing and Thawing

Specification: ASTM C 1364 - Standard Specification for Architectural Cast Stone, section 5.6

Sample ID: Rockcast Lightweight (Piazza)

Cycle	Sample 3A		Sample 3B		Sample 3C		Average % Loss @ 275 Cycles	ASTM C1364 Specification % Maximum
	Weight, g: Cumulative Loss, g	5388.9 Loss %	Weight, g: Cumulative Loss, g	5261.3 Loss %	Weight, g: Cumulative Loss, g	3755.8 Loss %		
35	0.5	0.0	0.5	0.0	0.6	0.0	---	---
70	1.1	0.0	0.8	0.0	1.1	0.0	---	---
105	1.8	0.0	2.9	0.1	2.5	0.1	---	---
140	4.6	0.1	4.5	0.1	7.0	0.2	---	---
175	6.8	0.1	9.5	0.2	19.2	0.5	---	---
210	10.4	0.2	19.3	0.4	34.1	0.9	---	---
245	15.5	0.3	26.8	0.5	58.3	1.6	---	---
280	23.6	0.4	29.5	0.6	64.2	1.7	---	---
300	37.1	0.7	37.5	0.7	84.3	2.2	1.2	5.0

Should you have any questions, or if we may be of further service, please contact me at (937) 236-8805, ext. 322.

Respectfully submitted,
BOWSER-MORNER, INC.

Karl A. Fletcher, Manager
Construction Materials and
Geotechnical Laboratories

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