

# BOWSER-MORNER, INC.

Delivery Address: 4518 Taylorsville Road Dayton, Ohio 45424 Mailing Address: P.O. Box 51 Dayton, Ohio 45401  
AASHTO/ISO 17025 Accredited

## REPORT ON FREEZE THAW DURABILITY

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

**Report Date:** 03/12/15  
**Job No.:** 168887  
**Report No.:** 200084  
**Date Submitted:** 01/06/15

**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:** Architectural Cast Stone Unit - Wet Cast

Cycle	Sample 5J		Sample 5K		Sample 5L		Average % Loss @ 300 Cycles	ASTM C1364 Specification % Maximum
	Weight, g: 6763.5	Loss %	Weight, g: 6663.8	Loss %	Weight, g: 6788.9	Loss %		
	Cumulative Loss, g		Cumulative Loss, g		Cumulative Loss, g			
35	0.2	0.0	0.5	0.0	0.2	0.0	---	---
70	0.4	0.0	0.8	0.0	0.6	0.0	---	---
105	0.6	0.0	1.1	0.0	1.0	0.0	---	---
140	0.9	0.0	1.4	0.0	1.2	0.0	---	---
175	1.3	0.0	2.3	0.0	2.0	0.0	---	---
210	1.4	0.0	2.6	0.0	2.3	0.0	---	---
245	2.9	0.0	3.2	0.0	2.8	0.0	---	---
280	3.1	0.0	3.8	0.1	3.3	0.0	---	---
300	3.2	0.0	4.1	0.1	3.5	0.1	0.1	5.0

Should you have any questions, or if we may be of further service, please contact me at (937) 236-8805, ext. 329.

Respectfully submitted,  
BOWSER-MORNER, INC.

*Scott D. Ruhkamp*

Scott D. Ruhkamp, Supervisor  
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