

# BOWSER-MORNER, INC.

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## REPORT ON FREEZE THAW DURABILITY

**Report To:** Reading Rock  
Attn: David Zawada  
4600 Devitt Rd.  
Cincinnati, OH 45246

**Report Date:** 08/27/21  
**Job No.:** 201195  
**Report No.:** 116391A  
**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

**Date Made:** n/a **Date Received:** 6/10/2021 **Date(s) of Performance:** June 25, 2021 - August 27, 2021

**Technician(2) Performing Tests:** R. Kushmaul

**Sample ID:** Architectural Cast Stone Unit - Wetcast Recon/ADA DOT Class C

**Condition of Samples:** Intact

Cycle	Sample 5G		Sample 5H		Sample 5I		Average % Loss @ 300 Cycles*	ASTM C1364 Specification % Maximum
	Weight, g: 6266	Cumulative Loss, g	Weight, g: 6260.3	Cumulative Loss, g	Weight, g: 6264.2	Cumulative Loss, g		
35		0.4		0.3		0.3	---	---
75		9.1		40.0		32.4	---	---
109		16.4		77.9		67.2	---	---
144		30.6		93.9		88.9	---	---
180		39.1		99.8		91.8	---	---
213		54.2		104.9		98.2	---	---
245		62.8		109.4		102.3	---	---
280		67.9		112.6		106.1	---	---
300		69.4		114.7		108.7	1.6	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, Vice President  
Assistant Director, CMT &  
Geotechnical Laboratories

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