

# BOWSER-MORNER, INC.

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## LABORATORY REPORT

### Report On Freeze-Thaw Durability of Concrete Masonry Units

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

**Date:** 07/09/19  
**W.O. No.:** 190539  
**Report No.:** 114805  
**No. of Pages:** 1

**Test Method:** ASTM C 1262

**Test Specification:** ASTM C 1372

**Descriptor:** Normal Weight Segmental Retaining Wall Unit - Allan Block

Set Number	Weight grams	25 Cycles		50 Cycles		75 Cycles		100 Cycles	
		Cumulative Loss, g	Loss %	Cumulative Loss, g	Loss %	Cumulative Loss, g	Loss %	Cumulative Loss, g	Loss %
6A	1200.1	0.4	0.0	0.8	0.1	1.1	0.1	1.7	0.1
6B	1220.1	0.3	0.0	1.0	0.1	1.9	0.2	3.7	0.3
6C	1235.0	0.5	0.0	1.2	0.1	1.5	0.1	2.6	0.2
6D	1223.2	0.8	0.1	1.6	0.1	2.0	0.2	4.5	0.4
6E	1223.9	0.5	0.0	1.1	0.1	2.2	0.2	3.4	0.3
<b>Average</b>	---	0.5	0.0	1.1	0.1	1.7	0.1	3.2	0.3

**ASTM C 1372 Specification:**

Five specimens shall not exceed 1% of its initial weight at 100 cycles or four out of five specimens shall not exceed 1.5% of its initial weight at 150 cycles.

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.

Karl A. Fletcher, Manager  
Construction Materials and  
Geotechnical Laboratories

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