

# BOWSER-MORNER, INC.

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## REPORT ON FREEZE-THAW AND DE-ICING DURABILITY OF SOLID CONCRETE INTERLOCKING PAVING UNITS

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

**Report Date:** 04/06/17  
**Job Number:** 178569  
**Report Number:** 112164  
**No. of Pages:** 1

**Date Submitted:** 02/17/17

**Date Manufactured:** n/a

**Sample ID:** 8cm Paverlock

**Specification:** ASTM C 936, section 5.5

**Test Method:** ASTM C 1645, section 7.3 (using 3% saline solution)

Specimen Number:	1G	1H	1I	Average
Initial Weight, g:	5492.6	5179.6	5321.7	---
Final Weight, g:	5330.1	5033.2	5162.9	---
Loss @ 7 Cycles, g:	1.0	1.2	0.5	0.9
Loss @ 28 Cycles, g:	2.9	3.1	3.8	3.3
Cumulative Loss, g:	3.9	4.3	4.3	---
Length in Inches:	8.2	8.2	8.3	8.2
Width in Inches:	5.5	5.5	5.5	5.5
Height in Inches:	3.2	3.1	3.2	3.2
Total Surface Area, sq in:	45.2	44.6	45.2	45.0
Total Surface Area, sq m:	0.029	0.029	0.029	0.029
Loss @ 28 Cycles, g/sq m:	133.71	149.32	147.51	<b>143.5</b>
ASTM C 936, sec. 5.5 Specification, g/sq m.:				225 max.

Note 1: Ended at 28 Cycles per ASTM 1645, Section 7.5.3

Note 2: Dimensions and total surface area were determined by measurement, ASTM C 1645, Section 8.2.6

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, Supervisor  
Special Projects Section  
Construction Materials Laboratory  
CCMTT No. 5013

SDR/bk/jlh  
112164  
1-File  
1-zawadad@readingrock.com