

# 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 of Retaining Wall Units

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

**Report Date:** 02/18/16  
**Job No.:** 173218  
**Report No.:** 200431  
**No. of Pages:** 1

**Test Method:** ASTM C 1262

**Test Specification:** ASTM C 1372

**Description:** Normal Weight Segmental Retaining Wall Unit - Recon / ADA

Set No.	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 %
4G	1314.1	0.1	0.0	0.3	0.0	0.4	0.0	0.7	0.1
4H	1314.3	0.1	0.0	0.2	0.0	0.4	0.0	0.6	0.0
4I	1321.8	0.2	0.0	0.5	0.0	0.6	0.0	1.0	0.1
4J	1312.3	0.1	0.0	0.3	0.0	0.5	0.0	1.1	0.1
4K	1321.1	0.2	0.0	0.3	0.0	0.5	0.0	1.0	0.1
<b>Avg</b>	---	0.1	0.0	0.3	0.0	0.5	0.0	0.9	0.1

### 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.



Scott D. Ruhkamp, Supervisor  
Special Projects Section  
Construction Materials Laboratory  
CMTT No. 5013

SDR/bk/lhg  
200431  
1-File  
1-zawadad@readingrock.com