

BOWSER-MORNER, INC.

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



LABORATORY REPORT

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

Date: October 22, 2018
Job Number: 186736
Report Number: 114031
No. of Pages: 2

Report On: Linear Shrinkage of Architectural Cast Stone

Description: Wet Cast Stone

Date Made: Not Specified

Date Submitted: September 24, 2018

Test Method: ASTM C 426

Specification: ASTM C 1364, Sec. 5.7

Summary of Results

Linear Shrinkage at Equilibrium, %: **-0.034**

ASTM C 1364, section 5.7 Specification, % Max: 0.065

The units submitted meet specifications for linear shrinkage.

Should you have any questions, or if we may be of further service, please contact me at (937) 236-8805, extension 322.

KAF/bk/jlh
114031
1-Client
1-zawadad@readingrock.com

Respectfully submitted,

BOWSER-MORNER, INC.

A blue ink signature of Karl A. Fletcher is written over the company name. The signature is cursive and stylized.

Karl A. Fletcher, Manager
Construction Materials and
Geotechnical Laboratories
CMTT No. 7606

Sample ID: Wet Cast Stone

Day of Reading	Specimen ID	Reference Rod, inch	Specimen Readings, inch	Length inch	Length Change, %	Weight, lbs.	Weight Change, %	Avg Weight Change, %	Avg Length Change, %
0 10/1/2018	4A	0.0000	0.0920	15.4589	n/a	10.0300	n/a	0	0
	4B	0.0000	-0.0155	15.3514	n/a	10.1000	n/a		
	4C	0.0000	0.1216	15.4885	n/a	9.8700	n/a		
3 10/4/2018	4A	0.0000	0.0918	15.4587	-0.0013	9.8800	-1.4955	-1.7005	0.0007
	4B	0.0000	-0.0150	15.3519	0.0033	9.9200	-1.7822		
	4C	0.0000	0.1216	15.4885	0.0000	9.6900	-1.8237		
6 10/7/2018	4A	0.0000	0.0899	15.4568	-0.0136	9.8300	-1.9940	-2.1007	-0.0104
	4B	0.0000	-0.0169	15.3500	-0.0091	9.8900	-2.0792		
	4C	0.0000	0.1203	15.4872	-0.0084	9.6500	-2.2290		
9 10/10/2018	4A	0.0000	0.0885	15.4554	-0.0226	9.8000	-2.2931	-2.4338	-0.0199
	4B	0.0000	-0.0184	15.3485	-0.0189	9.8500	-2.4752		
	4C	0.0000	0.1188	15.4857	-0.0181	9.6200	-2.5329		
12 10/13/2018	4A	0.0000	0.0868	15.4537	-0.0336	9.8000	-2.2931	-2.4338	-0.0337
	4B	0.0000	-0.0211	15.3458	-0.0365	9.8500	-2.4752		
	4C	0.0000	0.1168	15.4837	-0.0310	9.6200	-2.5329		
15 10/16/2018	4A	0.0000	0.0868	15.4537	-0.0336	9.8000	-2.2931	-2.4338	-0.0337
	4B	0.0000	-0.0210	15.3459	-0.0358	9.8500	-2.4752		
	4C	0.0000	0.1167	15.4836	-0.0316	9.6200	-2.5329		
18 10/19/2018	4A	0.0000	0.0868	15.4537	-0.0336	9.8000	-2.2931	-2.4338	-0.0337
	4B	0.0000	-0.0210	15.3459	-0.0358	9.8500	-2.4752		
	4C	0.0000	0.1167	15.4836	-0.0316	9.6200	-2.5329		

