

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



REPORT ON TESTS OF CONCRETE MASONRY UNITS

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

Report Date: 10/07/19
Job No.: 192401
Report No.: 115140A
No. of Pages: 1
Date Submitted: 09/27/19

Date Made: Unknown **Date Received:** 09/27/19 **Date(s) of Performance:** 10/02/19-10/03/19
Condition of Samples: Intact in good condition **Technician(s) Performing Tests:** B. Kushmaul

Specs: ASTM C936 **Test Method:** ASTM C 140

Unit ID: Solid Interlocking Paving Units - 2 x 2 Arch, Coldstream, Legacy, and Boardwalk

COMPRESSIVE STRENGTH					SPECIFICATIONS	
Specimen No.	2D	2E	2F	Average	Individual	Average
Length in Inches	7.81	7.80	7.82			
Width in Inches	3.87	3.86	3.82	3.85		
Height in Inches	2.41	2.39	2.36			
Gross Area, Sq. In.	30.2	30.1	29.9			
Total Load in lbs.	253,460	246,010	270,360			
Gross Unit Load, psi	8390	8170	9050	8540		
Gross Volume, Cu. Ft.	0.0422	0.0416	0.0408	0.0415		
Net Unit Load, psi	8470	8220	9030	8570	7200 Min.	8000 Min.
ABSORPTION					SPECIFICATIONS	
Specimen No.	2A	2B	2C	Average	Individual	Average
Wt. As Received, lbs.	5.70	5.63	5.73			
Suspended Wt., lbs.	3.18	3.12	3.20			
Wet Wt., lbs.	5.77	5.69	5.78			
Dry Wt., lbs.	5.58	5.51	5.60			
Absorption, lbs./Cu.Ft.	4.6	4.4	4.4	4.4		
Absorption, % of Dry Wt.	3.4	3.3	3.2	3.3	7 Max.	5 Max.
% Moisture, % Absorption	63.2	66.7	72.2			
Net Vol., Cu. Ft.	0.042	0.041	0.041	0.041		
Net Area, Sq. In.	29.8	29.8	30.3	29.9		
Dry Den, lbs./Cu.Ft.	134.4	133.8	135.4	134.6		

Note: samples were cut from full size samples per ASTM C 140, A4.3.1.2

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, Manager
Construction Materials and
Geotechnical Laboratories

KAF/bk/jlh
115140A
1-File
1-zawadad@readingrock.com