

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
Attn: David Zawada
4600 Devitt Drive
Cincinnati, OH 45246

Report Date: 03/02/18
Job No.: 183594
Report No.: 113296
Date Submitted: 02/21/18

Specs: ASTM C936

Test Method: ASTM C 140

Unit: 6cm Concrete Interlocking Paving Units (Paverlock)

COMPRESSIVE STRENGTH					SPECIFICATIONS	
Specimen No.	4D	4E	4F	Average	Individual	Average
Length in Inches	5.46	5.46	5.49			
Width in Inches	5.47	5.47	5.46	5.47		
Height in Inches	2.33	2.31	2.32			
Gross Area, Sq. In.	29.9	29.9	30.0			
Total Load in lbs.	359,155	319,400	333,595			
Gross Unit Load, psi	12030	10690	11130	11280		
Gross Volume, Cu. Ft.	0.0403	0.0399	0.0402	0.0401		
Net Unit Load, psi	12130	10790	11270	11400	7200 Min.	8000 Min.
ABSORPTION					SPECIFICATIONS	
Specimen No.	4A	4B	4C	Average	Individual	Average
Wt. As Received, lbs.	5.77	5.71	5.62			
Suspended Wt., lbs.	3.32	3.32	3.23			
Wet Wt., lbs.	5.82	5.78	5.71			
Dry Wt., lbs.	5.64	5.60	5.50			
Absorption, lbs./Cu.Ft.	4.5	4.6	5.3	4.8		
Absorption, % of Dry Wt.	3.2	3.2	3.8	3.4	7 Max.	5 Max.
% Moisture, % Absorption	72.2	61.1	57.1			
Net Vol., Cu. Ft.	0.040	0.039	0.040	0.040		
Net Area, Sq. In.	29.7	29.5	29.6	29.6		
Dry Den, lbs./Cu.Ft.	140.8	142.0	138.4	140.4		

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
CMTT No. 7606

KAF/bk/jlh
113296
1-File
1-zawadad@readingrock.com