

# BOWSER-MORNER, INC.

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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:** 04/08/20  
**Job No.:** 195115  
**Report No.:** 201265  
**No. of Pages:** 1

**Specs:** ASTM C936

**Test Method:** ASTM C 140

**Date (s) of Performance:** March 30, 2020 thru April 8, 2020

**Condition of Samples:** Intact

**Technician (s) Performing Tests:** R. Kushmaul

**Date Made:** n/a

**Unit ID:** Solid Interlocking Paving Units - 8cm Paverlock / Stormlock


**Date Submitted:** 03/27/20

COMPRESSIVE STRENGTH					SPECIFICATIONS	
Specimen No.	3D	3E	3F	Average	Individual	Average
Length in Inches	8.02	8.03	8.03			
Width in Inches	3.76	3.78	3.77	3.77		
Height in Inches	3.15	3.18	3.10			
Gross Area, Sq. In.	30.2	30.4	30.3			
Total Load in lbs.	317,065	262,945	271,115			
Gross Unit Load, psi	10510	8660	8960	9380		
Gross Volume, Cu. Ft.	0.0550	0.0559	0.0543	0.0550		
Net Unit Load, psi	9960	8260	8520	8910	7200 Min.	8000 Min.
ABSORPTION					SPECIFICATIONS	
Specimen No.	3A	3B	3C	Average	Individual	Average
Wt. As Received, lbs.	8.53	8.66	8.60			
Suspended Wt., lbs.	5.00	5.09	5.05			
Wet Wt., lbs.	8.59	8.70	8.69			
Dry Wt., lbs.	8.31	8.44	8.39			
Absorption, lbs./Cu.Ft.	4.9	4.5	5.1	4.8		
Absorption, % of Dry Wt.	3.4	3.1	3.6	3.3	7 Max.	5 Max.
% Moisture, % Absorption	78.6	84.6	70.0			
Net Vol., Cu. Ft.	0.058	0.058	0.058	0.058		
Net Area, Sq. In.	31.6	31.4	32.5	31.8		
Dry Den, lbs./Cu.Ft.	144.4	145.9	143.8	144.7		

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, Vice President  
Assistant Director, CMT &  
Geotechnical Laboratories

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