

# BOWSER-MORNER, INC.

Delivery Address: 4518 Taylorsville Road Dayton, Ohio 45424 Mailing Address: P.O. Box 51 Dayton, Ohio 45401  
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## REPORT ON TESTS OF CONCRETE BRICK UNITS



**Report To:** Saturn Materials  
Attn: Fred Dunand  
350 Yorkville Park Square  
Columbus, MS 39702

**Report Date:** 01/04/17  
**Job No.:** 177444  
**Report No.:** 420864  
**Submitted:** 11/17/16

**Specs:** ASTM C 55

**Test Method:** ASTM C 140

**Unit Type:** 3 Hole Brick - Modular Cored Brick

COMPRESSIVE STRENGTH					SPECIFICATIONS	
Specimen No.	2A	2B	2C	Average	Individual	Average
Length in Inches	3 24/32	3 25/32	3 24/32			
Width in Inches	3 20/32	3 20/32	3 21/32	3 20/32		
Height in Inches	2 8/32	2 9/32	2 9/32			
Gross Area, Sq. In.	13.6	13.7	13.7			
Net Area, %:	75.0	74.0	75.8	<b>74.9</b>		75% Min.
Core Distance from Edges:	0.92	0.92	0.92	0.92		0.75" Min.
Total Load in lbs.	75,115	72,245	68,655			
Gross Unit Load, psi	5520	5280	5020	5270		
Gross Volume, Cu. Ft.	0.0177	0.0180	0.0180	0.0179		
Net Unit Load, psi	<b>7340</b>	<b>7060</b>	<b>6710</b>	<b>7040</b>	2000 Min.	2500 Min.
ABSORPTION					SPECIFICATIONS	
Specimen No.	2F	2G	2H	Average	Individual	Average
Wt. As Received, lbs.	1.74	1.73	1.80			
Suspended Wt., lbs.	0.97	0.97	1.00			
Wet Wt., lbs.	1.80	1.80	1.85			
Dry Wt., lbs.	1.72	1.71	1.78			
Absorption, lbs./Cu.Ft.	6.0	6.8	5.1	<b>6.0</b>	15 Max.	13 Max.
Absorption, % of Dry Wt.	4.7	5.3	3.9	4.6		
% Moisture, % Absorption	25.0	22.2	28.6			
Net Vol., Cu. Ft.	0.013	0.013	0.014	0.013		
Net Area, Sq. In.	10.2	10.1	10.4	10.2		
Dry Den, lbs./Cu.Ft.	129.3	128.6	130.7	129.5		

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

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Karl A. Fletcher, Manager  
Construction Materials and  
Geotechnical Laboratories

KAF/kaf  
420864  
1-File  
1-fdunand@saturnmaterials.com