

## THE BISHOP MATERIALS LABORATORY

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Results of Tests on Brick conducted in accordance with ASTM C67-12 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

05/09/2013

Name: Whitacre-Greer Fireproofing Company

1400 South Mahoning Avenue

Alliance, OH 44601

Phone: (330) 206-2009

Fax:

Plant: Whitacre-Greer Fireproofing Company Report Number: WGFC-0071

04/18/2013

Sampled Date: Lot:

Product Code:

Sample Description: 2-1/4 x 9 x 3 No Lug Boardwalk Shade 32 Antique

							Test Date
	1	2	3	4	5	Average	
)	1.71	4.87	3.64	3.81	5.36	3.88	05/06/2013
6)	3.34	6.53	5.02	5.44	7.23	5.51	
5H)	0.51	0.74	0.73	0.70	0.74	0.68	
	1	2	3	4	5	Average	
psi	14,423	17,772	15,467	15,676	13,124	15,292	05/03/2013
MPa	99.4	122.5	106.6	108.1	90.5	105.4	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		05/03/2013
Abrasion Resistance	1	2	3	4	5	Average	
	0.01	0.03	0.02	0.02	0.04	0.03	05/03/2013
,	psi	3.34 5H) 0.51 1 psi 14,423 MPa 99.4 11 Not Effloresced	1.71 4.87 3.34 6.53 5H) 0.51 0.74 1 2 psi 14,423 17,772 MPa 99.4 122.5 11 12 Not Effloresced Effloresced	1.71 4.87 3.64 3.34 6.53 5.02 5H) 0.51 0.74 0.73  1 2 3  psi 14,423 17,772 15,467  MPa 99.4 122.5 106.6  11 12 13  Not Not Not Effloresced Effloresced  1 2 3	1.71 4.87 3.64 3.81 6) 3.34 6.53 5.02 5.44 5H) 0.51 0.74 0.73 0.70 1 2 3 4 psi 14,423 17,772 15,467 15,676 MPa 99.4 122.5 106.6 108.1 11 12 13 14 Not Not Not Not Effloresced Effloresced Effloresced	1.71 4.87 3.64 3.81 5.36 6) 3.34 6.53 5.02 5.44 7.23 5H) 0.51 0.74 0.73 0.70 0.74 1 2 3 4 5 psi 14,423 17,772 15,467 15,676 13,124 MPa 99.4 122.5 106.6 108.1 90.5 11 12 13 14 15 Not Not Not Not Not Effloresced Effloresced Effloresced Effloresced	1.71 4.87 3.64 3.81 5.36 3.88 6) 3.34 6.53 5.02 5.44 7.23 5.51 5H) 0.51 0.74 0.73 0.70 0.74 0.68  1 2 3 4 5 Average psi 14,423 17,772 15,467 15,676 13,124 15,292 MPa 99.4 122.5 106.6 108.1 90.5 105.4  11 12 13 14 15 Not Not Not Not Still Not Still Not Effloresced Effloresced Effloresced Effloresced  1 2 3 4 5 Average

The brick represented by the test results shown here comply with the standards listed below:

ASTM C 902 - 12 Standard Specification for Pedestrian and Light Traffic Paving Brick

Class: SX, MX, NX

Type: I, II, III

John Sanders, Ph.D., PE, Director

Gary W. Parker, Laboratory Supervisor

Lab Reference: 5032.8553