

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	Plant:	Whitacre-Greer Fireproofing Company
Phone:	(330) 206-2009	Report Number:	WGFC-0071
Fax:		Sampled Date:	04/18/2013
		Lot:	
		Product Code:	
Sample Description:	2-1/4 x 9 x 3 No Lug Boardwalk Shade 32 Antique		

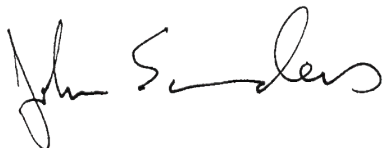
							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		1.71	4.87	3.64	3.81	5.36	3.88
5 Hour Submersion in Boiling Water (%)		3.34	6.53	5.02	5.44	7.23	5.51
Saturation Coefficient (Ratio of 24H to 5H)		0.51	0.74	0.73	0.70	0.74	0.68
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	14,423	17,772	15,467	15,676	13,124	15,292
	<i>MPa</i>	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

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

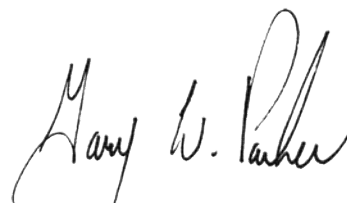
ASTM C 902 - 12 Standard Specification for Pedestrian and Light Traffic Paving Brick

Class: SX, MX, NX

Type: I, II, III



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor