

**THE NATIONAL BRICK RESEARCH CENTER**

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*Results of Tests on Brick conducted in accordance with ASTM C67-08 Standard Method for Sampling and Testing*

**Brick and Structural Clay Tile**

04/05/2010

Name:	Whitacre-Greer Fireproofing Company 1400 South Mahoning Avenue Alliance, OH 44601	Plant:	Whitacre-Greer Fireproofing Company
Phone:	(330) 206-2009	Report Number:	WGC-0020
Fax:		Sampled Date:	03/24/2010
		Lot:	
		Product Code:	

Sample Description: **8 x 8 x 2-1/4 50 Series**

	1	2	3	4	5	Average	Test Date
<b>Absorption</b>							
24 Hour Submersion in Cold Water (%)	4.49	5.43	4.72	4.33	4.94	4.78	04/01/2010
5 Hour Submersion in Boiling Water (%)	6.21	7.13	6.55	6.17	6.60	6.53	
Saturation Coefficient (Ratio of 24H to 5H)	0.72	0.76	0.72	0.70	0.75	0.73	
<b>Compressive Strength</b>							
<i>psi</i>	12,474	10,386	11,666	12,045	8,770	11,068	04/01/2010
<i>MPa</i>	86.0	71.6	80.4	83.0	60.5	76.3	
<b>Abrasion Resistance</b>							
	0.04	0.05	0.04	0.04	0.06	0.04	04/01/2010

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

ASTM C 902 - 09 Standard Specification for Pedestrian and Light Traffic Paving Brick  
Class: SX, MX, NX  
Type: I

Denis Brosnan, Director

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