



TEST REPORT

100 Clemson Research Blvd.
Anderson, SC 29625
(864) 656-1094
Fax: (864) 656-1095
www.bishopmaterialslab.com

Results of Tests on Brick conducted in accordance with ASTM C67-14 Standard Method for Sampling and Testing

Brick and Structural Clay Tile

10/29/2014

Name:	Whitacre-Greer Fireproofing Company 1400 South Mahoning Avenue Alliance , OH 44601	Plant:	Whitacre-Greer Fireproofing Company	*Temperature: 60 - 90F
Phone:	(330) 206-2009	Report Number:	5984-11363	*Humidity: 30% - 70%
Fax:		Received Date:	10/16/2014	
		Sampled Date:	10/16/2014	
		Lot:		
		Product Code:		

Sample Description: **Shade 52**

							Test Date
Absorption	1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)	4.69	4.34	3.86	4.09	3.98	4.19	10/16/2014
5 Hour Submersion in Boiling Water (%)	6.30	5.85	5.34	5.47	5.49	5.69	
Saturation Coefficient (Ratio of 24H to 5H)	0.75	0.74	0.72	0.75	0.72	0.74	
*The 1 and 2 hour boiled water absorption tests are not required by the customer							
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	9,968	8,300	9,019	11,209	11,572	10,014	10/22/2014
<i>MPa</i>	68.7	57.2	62.2	77.3	79.8	69.0	
Breaking Load	6	7	8	9	10	Average	
<i>(lb/in.)</i>	1,285	1,287	1,646	1,705	1,286	1,442	10/24/2014
Abrasion Resistance	1	2	3	4	5	Average	
	0.05	0.05	0.04	0.04	0.03	0.04	10/24/2014

The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:

ASTM C 1272 - 14 Standard Specification for Heavy Vehicular Paving Brick
Type: R

R. Parker Stroble, Quality Manager

**The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 -90F, and 30-70% RH
The results shown above apply only to the samples tested, which are provided by the customer.
This test report shall not be reproduced except in full, without written approval of the laboratory.*