

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

01/24/2013

Name: Whitacre-Greer Fireproofing Company

1400 South Mahoning Avenue

Alliance, OH 44601

Phone: (330) 206-2009

Fax:

Plant:

Report Number:

Whitacre-Greer Fireproofing Company

WGFC-0051 Sampled Date: 01/14/2013

Lot:

Product Code:

Sample Description: 4x8x2-3/4 Bevel w/ Spacing Lugs 30 Series

							Test Date
Absorption	1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)	5.47	2.76	5.05	2.26	3.16	3.74	01/18/2013
5 Hour Submersion in Boiling Water (%)	7.39	4.77	6.96	4.06	5.08	5.65	
Saturation Coefficient (Ratio of 24H to 5H)	0.74	0.58	0.72	0.56	0.62	0.64	
Compressive Strength	1	2	3	4	5	Average	
psi	11,285	14,397	14,687	17,876	15,203	14,690	01/18/2013
МРа	77.8	99.3	101.3	123.3	104.8	101.3	
Breaking Load	6	7	8	9	10	Average	
(lb/in.)	1,055	1,201	1,236	1,237	1,240	1,194	01/17/2013
Abrasion Resistance	1	2	3	4	5	Average	
	0.05	0.02	0.03	0.01	0.02	0.03	01/17/2013

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

ASTM C 1272 - 11 Standard Specification for Heavy Vehicular Paving Brick

Type: R, F

John Sanders, Ph.D., PE, Director

Gary W. Parker, Laboratory Supervisor

Lab Reference: 4869.8032