



TEST REPORT

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

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

Brick and Structural Clay Tile

07/28/2016

Name:	Glen-Gery Corporation P.O. Box 340 Shoemakersville , PA 19555	Plant:	Bigler	*Temperature: 60 - 90F
Phone:	610-562-3076	Report Number:	GGBI-0948	*Humidity: 30% - 70%
Fax:	610-562-2084	Received Date:	06/30/2016	
		Sampled Date:	06/24/2016	
		Lot:		
		Product Code:	71601100	

Sample Description: **Bigler Clay Extruded**

						Average	Test Date
Absorption	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	4.19	4.44	4.63	4.22	4.53	4.40	07/05/2016
5 Hour Submersion in Boiling Water (%)	5.73	6.15	6.45	5.68	6.10	6.02	
Saturation Coefficient (Ratio of 24H to 5H)	0.73	0.72	0.72	0.74	0.74	0.73	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	12,168	14,342	13,506	16,176	12,094	13,658	07/06/2016
<i>MPa</i>	83.9	98.9	93.1	111.5	83.4	94.2	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		07/19/2016
IRA (Oven Dried Method)	6	7	8	9	10	Average	
<i>g/min/30 in.²</i>	15.9	16.2	16.1	16.5	14.1	15.8	07/19/2016

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

ASTM C 216 - 15 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW

ASTM C 32 - 13 Standard Specification for Sewer and Manhole Brick (Made From Clay or Shale)
Grade: SM, / MM, MS

ASTM C 62 - 13a Standard Specification for Building Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW, NW

CAN/CSA-A82-06 Fired masonry brick made from clay or shale
Grade: IG, EG

Michael Walker, 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.
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