



TEST REPORT

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Results of Tests on brick Conducted in accordance with ASTM C 67-18 Standard Test Methods for Sampling and

Testing Brick and Structural Clay Tile

06/19/2018

Name:	Glen-Gery Corporation 433 S. Pottsville Pike Shoemakersville, PA 19555	Plant:	Mid-Atlantic	*Temperature: 60 - 90F
Phone:	610-562-3076	Report Number:	GGMA-0846	*Humidity: 30% - 70%
Fax:	610-562-2084	Received Date:	05/14/2018	
		Sampled Date:	05/10/2018	
		Lot:	04805DA	
		Product Code:	None	

Sample Description: **Mid-Atlantic Shale, Face Brick, Extruded - Cored**

						Average	Test Date
Absorption	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	4.22	4.16	4.21	4.40	4.62	4.32	05/16/2018
5 Hour Submersion in Boiling Water (%)	6.39	6.36	6.16	6.45	6.66	6.40	
Saturation Coefficient (Ratio of 24H to 5H)	0.66	0.65	0.68	0.68	0.69	0.68	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	10,314	13,439	11,626	11,785	16,905	12,814	05/16/2018
<i>MPa</i>	71.1	92.7	80.2	81.3	116.6	88.3	
Efflorescence	11	12	13	14	15		
	Not Effloresced		05/29/2018				
IRA (Oven Dried Method)	6	7	8	9	10	Average	
<i>g/min/30 in.²</i>	10.1	10.9	13.4	16.1	13.6	12.8	05/17/2018

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

ASTM C 216 - 17a 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 - 17 Standard Specification for Building Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW, NW

ASTM CAN/CSA-A82-14 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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