





*Temperature: 60 - 90F

*Humidity: 30% - 70%

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

11/13/2016

Glen-Gery Corporation Name:

433 S. Pottsville Pike

Shoemakersville, PA 19555

Phone: 610-562-3076

610-562-2084 Fax:

Plant:

Report Number: **GGYK-1507**

York

Received Date: 09/09/2016 Sampled Date: 08/19/2016

Lot: 08615YA

Product Code: 71002300

Sample Description: York Shale Handmade

							Test Date
Absorption	1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)	4.66	4.85	5.47	4.89	5.72	5.12	10/10/2016
5 Hour Submersion in Boiling Water (%)	9.21	9.37	10.16	9.55	10.47	9.75	
Saturation Coefficient (Ratio of 24H to 5H)	0.51	0.52	0.54	0.51	0.55	0.52	
Compressive Strength	1	2	3	4	5	Average	
psi	12,208	11,355	10,020	10,184	11,538	11,061	10/10/2016
MPa	84.2	78.3	69.1	70.2	79.5	76.3	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		09/26/2016
IRA (Oven Dried Method)	6	7	8	9	10	Average	
g/min/30 in. ²	20.8	15.8	19.6	26.9	21.7	20.9	10/06/2016

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

ASTM C 216 - 16 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. This test report shall not be reproduced except in full, without written approval of the laboratory.

Page 1 of 1 Lab Reference: 7161.15223