



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 C 67-16 Standard Test Methods for Sampling and

Testing Brick and Structural Clay Tile

06/01/2017

Name:	Glen-Gery Corporation PO Box 306 Marseilles , IL 61341	Plant:	Marseilles	*Temperature: 60 - 90F
Phone:	610-562-3076	Report Number:	GGMS-1387	*Humidity: 30% - 70%
Fax:	610-562-2084	Received Date:	05/02/2017	
		Sampled Date:	04/20/2017	
		Lot:	04707DA	
		Product Code:	73603100	

Sample Description: **Marseilles Clay/Shale Extruded**

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		5.65	6.62	5.75	6.53	5.63	6.04
5 Hour Submersion in Boiling Water (%)		6.75	7.99	6.87	7.91	6.73	7.25
Saturation Coefficient (Ratio of 24H to 5H)		0.84	0.83	0.84	0.83	0.84	0.83
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	6,288	9,458	14,045	9,809	10,860	10,092
	<i>MPa</i>	43.4	65.2	96.8	67.6	74.9	69.6
Efflorescence		11	12	13	14	15	
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	05/17/2017
IRA (Oven Dried Method)		6	7	8	9	10	Average
	<i>g/min/30 in.²</i>	14.4	14.1	8.7	14.3	13.0	12.9

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, with absorption alternate in section 7.1.2

ASTM C 32 - 13 Standard Specification for Sewer and Manhole Brick (Made From Clay or Shale)

Grade: SM, / MM, MS, with absorption alternate in Section 5.1

ASTM C 62 - 13a Standard Specification for Building Brick (Solid Masonry Units Made From Clay or Shale)

Grade: SW, MW, NW, with absorption alternate in section 5.1.2

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.