



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

02/20/2020

Name:	Glen-Gery Corporation 433 South Pottsville Pike Shoemakersville , PA 19555	Plant:	Technical Services / *Temperature: 60 - 90F Research
Phone:	610-562-3076	Report Number:	9361-22451 *Humidity: 30% - 70%
Fax:	610-562-2084	Received Date:	02/11/2020
		Sampled Date:	02/11/2020
		Lot:	
		Product Code:	

Sample Description: **Gray Corso Raw: Marana, Piave, Arno, Livenza, Brenta**

							Test Date
Absorption	1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)	3.91	3.40	4.18	3.18	3.59	3.65	02/13/2020
5 Hour Submersion in Boiling Water (%)	8.17	7.46	8.34	6.76	7.79	7.70	
Saturation Coefficient (Ratio of 24H to 5H)	0.48	0.46	0.50	0.47	0.46	0.47	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	15,547	17,972	17,807	18,512	17,873	17,542	02/13/2020
<i>MPa</i>	107.2	123.9	122.8	127.6	123.2	120.9	
IRA (Oven Dried Method)	6	7	8	9	10	Average	
<i>g/min/30 in.²</i>	3.9	2.0	3.2	2.5	2.8	2.9	02/14/2020

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

ASTM C 216 - 19 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: EG, IG

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.*