



TEST REPORT

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

Brick and Structural Clay Tile

06/29/2015

Name:	Glen-Gery Corporation 433 S. Pottsville Pike Shoemakersville, PA 19555	Plant:	York	*Temperature: 60 - 90F
Phone:	610-562-3076	Report Number:	GGYK-1509	*Humidity: 30% - 70%
Fax:	610-562-2084	Received Date:	06/02/2015	
		Sampled Date:	05/17/2015	
		Lot:	05511WA	
		Product Code:	71005102	

Sample Description: **York Shale w/Additives Extruded Solid Paver**

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		4.04	4.93	4.24	4.31	5.12	4.53
5 Hour Submersion in Boiling Water (%)		5.89	6.90	6.23	6.25	7.14	6.48
Saturation Coefficient (Ratio of 24H to 5H)		0.69	0.71	0.68	0.69	0.72	0.70
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	19,110	17,429	17,499	17,818	18,277	18,027
	<i>MPa</i>	131.8	120.2	120.7	122.9	126.0	124.3
Efflorescence		11	12	13	14	15	
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	06/24/2015
IRA (Oven Dried Method)		6	7	8	9	10	Average
	<i>g/min/30 in.²</i>	14.2	14.2	14.3	10.8	14.5	13.6
Abrasion Resistance		1	2	3	4	5	Average
		0.02	0.03	0.02	0.02	0.03	0.03

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

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

ASTM C 902 - 14 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX

Type: I, II, III

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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