

Results of Tests on Brick conducted in accordance with ASTM C67-12 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

04/25/2013

Name:	Glen-Gery Corporation 433 S. Pottsville Pike Shoemakersville, PA 19555	Plant:	Iberia
Phone:	610-562-3076	Report Number:	GGIB-1231
Fax:	610-562-2084	Sampled Date:	04/17/2012
		Lot:	
		Product Code:	73002202

Sample Description: **Iberia Shale Molded Paver**

						Average	Test Date
Absorption	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	4.68	3.20	4.50	3.68	2.38	3.69	04/30/2012
5 Hour Submersion in Boiling Water (%)	7.64	5.90	8.03	6.50	4.93	6.60	
Saturation Coefficient (Ratio of 24H to 5H)	0.61	0.54	0.56	0.57	0.48	0.55	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	6,014	7,185	5,192	6,731	8,616	6,748	04/30/2012
<i>MPa</i>	41.5	49.5	35.8	46.4	59.4	46.5	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		05/10/2012
IRA	6	7	8	9	10	Average	
<i>g/min/30 in.²</i>	10.1	23.3	8.2	14.4	8.0	12.8	05/08/2012
Abrasion Resistance	1	2	3	4	5	Average	
	0.08	0.04	0.09	0.05	0.03	0.06	05/08/2012

The brick represented by the test results shown here comply with the standards listed below:

ASTM C 216 - 12 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW

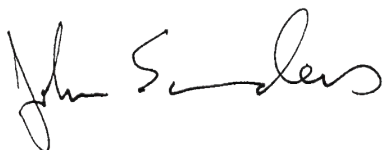
ASTM C 32 - 11 Standard Specification for Sewer and Manhole Brick (Made From Clay or Shale)
Grade: SM, / MM, MS

ASTM C 62 - 12 Standard Specification for Building Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW, NW

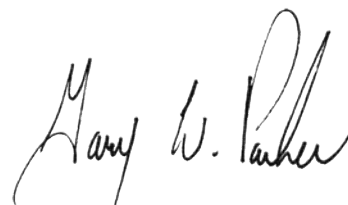
ASTM C 902 - 12 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX, with **Molded Brick Alternate 4.1.5**

Type: I, II, III

CAN/CSA-A82-06 Fired masonry brick made from clay or shale
Grade: EG, IG



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor