

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

Testing Brick and Structural Clay Tile

07/29/2013

Name:	Glen-Gery Corporation 433 S. Pottsville Pike Shoemakersville, PA 19555	Plant:	Mid-Atlantic
Phone:	610-562-3076	Report Number:	GGMA-0820
Fax:	610-562-2084	Sampled Date:	04/04/2013
		Lot:	04305DA
		Product Code:	72502202

Sample Description: **Mid-Atlantic Shale Molded Paver**

						Average	Test Date
Absorption	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	4.93	5.33	6.57	6.44	6.71	6.00	06/27/2013
5 Hour Submersion in Boiling Water (%)	9.60	9.95	10.91	11.36	11.02	10.57	
Saturation Coefficient (Ratio of 24H to 5H)	0.51	0.54	0.60	0.57	0.61	0.57	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	7,463	6,809	6,724	6,099	5,836	6,586	06/27/2013
<i>MPa</i>	51.5	46.9	46.4	42.1	40.2	45.4	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		04/25/2013
IRA	6	7	8	9	10	Average	
<i>g/min/30 in.²</i>	20.6	12.7	13.7	10.2	18.8	15.2	06/27/2013
Abrasion Resistance	1	2	3	4	5	Average	
	0.07	0.08	0.10	0.11	0.11	0.09	06/27/2013

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

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

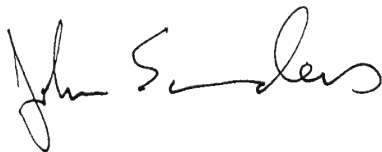
ASTM C 902 - 12 Standard Specification for Pedestrian and Light Traffic Paving Brick

Class: SX, MX, NX, with **Molded Brick Alternate 4.1.5**

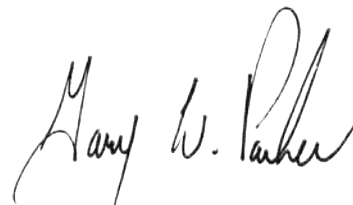
Type: I, II, III

ASTM 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