

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

Testing Brick and Structural Clay Tile

04/19/2013

Name:	Glen-Gery Corporation PO Box 306 Marseilles, IL 61341	Plant:	Marseilles
Phone:	610-562-3076	Report Number:	GGMS-1212
Fax:	610-562-2084	Sampled Date:	09/21/2012
		Lot:	
		Product Code:	73606100

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

						Average	Test Date
Absorption	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	5.28	5.45	5.03	5.81	5.82	5.48	11/26/2012
5 Hour Submersion in Boiling Water (%)	6.02	5.91	5.49	6.15	6.47	6.01	
Saturation Coefficient (Ratio of 24H to 5H)	0.88	0.92	0.92	0.94	0.90	0.91	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	11,935	12,815	15,330	13,018	13,506	13,321	11/26/2012
<i>MPa</i>	82.3	88.4	105.7	89.8	93.1	91.8	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		11/27/2012
IRA	6	7	8	9	10	Average	
<i>g/min/30 in.²</i>	10.8	10.5	6.5	7.3	6.2	8.3	11/30/2012

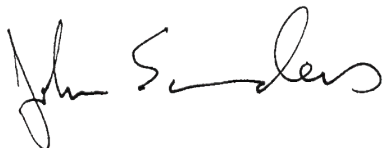
The brick represented by the test results shown here comply with the standards listed below:

ASTM C 216 - 12 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW, with absorption alternate in section 6.1.2

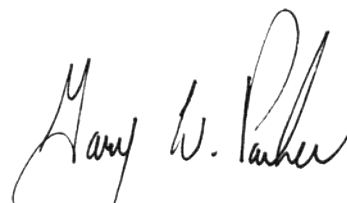
ASTM C 32 - 11 Standard Specification for Sewer and Manhole Brick (Made From Clay or Shale)
Grade: SM, / MM, MS, with absorption alternate in Section 3

ASTM C 62 - 12 Standard Specification for Building Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW, NW, with absorption alternate in section 4.2.2

CAN/CSA-A82-06 Fired masonry brick made from clay or shale
Grade: EG, IG, with absorption alternate in section 6.2.2



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor