

## TEST REPORT

Results of Tests on brick Conducted in accordance with ASTM C67/C67M-18 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile  
07/14/2025

Name:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340	Plant:	Glen-Gery Adel Plant
Phone:	(p) (610) 562-3076	Sampled Date:	05/22/2025
Report Number:	GGUBP2444	Fired Date:	04/01/2025
Description:	<b>Shale Extruded Cored</b>		

Absorption	1	2	3	4	5	Average
24 Hour Cold Water (%)	3.8	3.7	3.7	3.6	3.9	3.7
5 Hour Boiling Water (%)	4.3	4.1	4.4	4.1	4.3	4.2
Saturation Coefficient	0.89	0.92	0.85	0.87	0.91	0.89
Compressive Strength	1	2	3	4	5	Average
psi	19,168	18,523	18,505	19,296	19,279	18,954
MPa	132	128	128	133	133	131
IRA (Oven Dried Method)	1	2	3	4	5	Average
g/min/30 in. <sup>2</sup>	5.4	5.1	6.4	6.3	5.3	5.7
Efflorescence	1	2	3	4	5	
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	

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

- ASTM 32 - 13 Standard Specification for Sewer and Manhole Brick (Made from Clay or Shale)  
Grades: SM - SS / MM - MS
- ASTM 62 - 17 Standard Specification for Building Brick (Solid Masonry Units Made From Clay or Shale)  
Class: SW - MW - NW
- ASTM 216 - 19 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)  
Grades: SW - MW
- CSA - A82-14 Fired Masonry brick made from clay or shale  
Class: EG - IG



Mike Krzyzanowski  
Technical Services Manager