

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
03/01/2022

Name:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340	Plant:	Sergeant Bluff Plant			
Phone:	(p) (610) 562-3076	Sampled Date:	02/17/2022			
Report Number:	GGSBP710	Fired Date:	01/18/2022			
Description:	Clay w/Additive Extruded Cored					
Absorption	1	2	3	4	5	Average
24 Hour Cold Water (%)	4.4	3.2	3.9	3.2	4	3.7
5 Hour Boiling Water (%)	4.5	3.3	4	3.3	4.2	3.9
Saturation Coefficient	0.97	0.98	0.96	0.97	0.96	0.97
Compressive Strength	1	2	3	4	5	Average
<i>psi</i>	15,673	15,826	15,852	16,758	17,534	16,329
<i>MPa</i>	108	109	109	116	121	113
IRA (Oven Dried Method)	1	2	3	4	5	Average
<i>g/min/30 in.²</i>	4	3.6	3.9	2.7	3.9	3.6
Efflorescence	1	2	3	4	5	
<i>Efflorescence Detection</i>	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