

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
01/28/2022

Name:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340	Plant:	Sergeant Bluff Plant			
Phone:	(p) (610) 562-3076	Sampled Date:	01/11/2022			
Report Number:	GGSBP643	Fired Date:	12/25/2021			
Description:	Clay Extruded Cored					
Absorption	1	2	3	4	5	Average
24 Hour Cold Water (%)	5.4	5.9	5.2	5	5.1	5.3
5 Hour Boiling Water (%)	6.2	6.5	6.1	5.8	6.1	6.1
Saturation Coefficient	0.88	0.9	0.85	0.86	0.84	0.87
Compressive Strength	1	2	3	4	5	Average
<i>psi</i>	13,638	9,834	14,598	11,486	13,767	12,665
<i>MPa</i>	94	68	101	79	95	87
IRA (Oven Dried Method)	1	2	3	4	5	Average
<i>g/min/30 in.²</i>	7.5	7.6	7.7	7.4	8.1	7.7
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 / 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