

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
02/04/2022

Name:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340	Plant:	Pittsburgh Plant
		Sampled Date:	01/27/2022
Phone:	(p) (610) 562-3076	Fired Date:	01/15/2022
Report Number:	GGHRP683		
Description:	Clay/Shale w/Additives Extruded Cored		

Absorption	1	2	3	4	5	Average
24 Hour Cold Water (%)	2.8	2.3	1.6	1.9	1.9	2.1
5 Hour Boiling Water (%)	2.9	2.5	1.8	2	2	2.2
Saturation Coefficient	0.97	0.95	0.89	0.93	0.95	0.94
Compressive Strength	1	2	3	4	5	Average
<i>psi</i>	16,708	17,698	17,337	16,382	17,258	17,077
<i>MPa</i>	115	122	120	113	119	118
IRA (Oven Dried Method)	1	2	3	4	5	Average
<i>g/min/30 in.²</i>	2.9	2.7	3.1	2.5	2.5	2.7
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 - 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