

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
09/02/2020

Name:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340	Plant:	Lawrenceville Plant
Phone:	(p) (610) 562-3076	Sampled Date:	08/18/2020
Report Number:	GGLA-0038	Fired Date:	08/14/2020
Description:	Clay/Shale Extruded Solid		

Absorption	1	2	3	4	5	Average
24 Hour Cold Water (%)	6.1	5.2	6.1	5.9	5.7	5.8
5 Hour Boiling Water (%)	8.8	7.7	8.7	8.5	8.2	8.4
Saturation Coefficient	0.7	0.67	0.7	0.7	0.69	0.69
Compressive Strength	1	2	3	4	5	Average
<i>psi</i>	16,514	20,505	18,589	19,815	17,483	18,581
<i>MPa</i>	114	141	128	137	121	128
IRA (Oven Dried Method)	1	2	3	4	5	Average
<i>g/min/30 in.²</i>	16.2	13.3	13.9	19.4	19.6	16.5
Efflorescence	1	2	3	4	5	
<i>Efflorescence Detection</i>	Not Effloresced					
<i>Brick Appearance</i>	N/A	N/A	N/A	N/A	N/A	
<i>Brick Distribution</i>	N/A	N/A	N/A	N/A	N/A	

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