

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
12/06/2021

Name:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340	Plant:	Caledonia Plant			
Phone:	(p) (610) 562-3076	Sampled Date:	11/13/2021			
Report Number:	GGCLP572	Fired Date:	09/27/2021			
Description:	Clay Extruded Cored					
Absorption	1	2	3	4	5	Average
24 Hour Cold Water (%)	1.2	1.4	0.9	1	2.1	1.3
5 Hour Boiling Water (%)	1.5	1.7	1.3	1.3	2.6	1.7
Saturation Coefficient	0.8	0.82	0.7	0.78	0.82	0.78
Compressive Strength	1	2	3	4	5	Average
<i>psi</i>	21,654	25,561	26,409	17,579	22,952	22,831
<i>MPa</i>	149	176	182	121	158	157
IRA (Oven Dried Method)	1	2	3	4	5	Average
<i>g/min/30 in.²</i>	2.2	3	3.2	3.3	3.2	3.0
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