

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
01/12/2022

Name:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340	Plant:	Iberia Plant			
Phone:	(p) (610) 562-3076	Sampled Date:	12/17/2021			
Report Number:	GGIBP628	Fired Date:	11/06/2021			
Description:	Clay/Shale Extruded Cored					
Absorption	1	2	3	4	5	Average
24 Hour Cold Water (%)	1.6	3.4	1.1	1.2	0.7	1.6
5 Hour Boiling Water (%)	2.1	4	1.6	1.5	1.1	2.1
Saturation Coefficient	0.76	0.86	0.71	0.75	0.58	0.73
Compressive Strength	1	2	3	4	5	Average
<i>psi</i>	19,832	16,979	22,334	24,957	22,349	21,290
<i>MPa</i>	137	117	154	172	154	147
IRA (Oven Dried Method)	1	2	3	4	5	Average
<i>g/min/30 in.²</i>	6.6	5	5.4	5.3	4.7	5.4
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