

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
04/28/2022

Name:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340	Plant:	Mid-Atlantic Plant			
Phone:	(p) (610) 562-3076	Sampled Date:	04/18/2022			
Report Number:	GMAP748	Fired Date:	04/17/2022			
Description:	Shale Extruded Cored					
Absorption	1	2	3	4	5	Average
24 Hour Cold Water (%)	2.2	1.6	1.5	1.6	1.3	1.6
5 Hour Boiling Water (%)	3.7	3	2.7	2.8	2.4	2.9
Saturation Coefficient	0.59	0.53	0.53	0.55	0.55	0.55
Compressive Strength	1	2	3	4	5	Average
<i>psi</i>	15,531	14,650	16,757	16,825	16,021	15,957
<i>MPa</i>	107	101	116	116	110	110
IRA (Oven Dried Method)	1	2	3	4	5	Average
<i>g/min/30 in.²</i>	9.2	11.2	8.7	10.7	11	10.2
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