

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
03/01/2022

Name:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340	Plant:	Sergeant Bluff Plant			
Phone:	(p) (610) 562-3076	Sampled Date:	02/17/2022			
Report Number:	GGSBP708	Fired Date:	01/07/2022			
Description:	Clay w/Additives Extruded Cored C652					
Absorption	1	2	3	4	5	Average
24 Hour Cold Water (%)	4.6	4.5	4	4.4	4	4.3
5 Hour Boiling Water (%)	5.3	5	4.8	5.3	5	5.1
Saturation Coefficient	0.86	0.89	0.82	0.83	0.81	0.84
Compressive Strength	1	2	3	4	5	Average
<i>psi</i>	17,479	17,025	17,030	14,203	18,676	16,883
<i>MPa</i>	121	117	117	98	129	116
IRA (Oven Dried Method)	1	2	3	4	5	Average
<i>g/min/30 in.²</i>	5.9	5	6.6	4.4	5.3	5.4
Efflorescence	1	2	3	4	5	
<i>Efflorescence Detection</i>	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	
Percent Void	1	2	3	4	5	Average
	26	26	26	26	26	26

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
- C652 - 19b Standard Specification for Hollow Brick (Hollow Masonry Units Made from Clay or Shale)
Grade: SW - MW
Class: H40V
- CSA - A82-14 Fired Masonry brick made from clay or shale
Class: EG - IG



Mike Krzyzanowski
Technical Services Manager