

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
06/30/2021

Name:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340	Plant:	Adel Plant		
Phone:	(p) (610) 562-3076	Sampled Date:	06/23/2020		
Report Number:	GGUBP283	Fired Date:	06/08/2020		
Description:	Clay Extruded Cored				

Absorption	1	2	3	4	5	Average
24 Hour Cold Water (%)	6.2	5.4	5.4	6.1	6.2	5.9
5 Hour Boiling Water (%)	7.2	6.1	6.1	7	7.2	6.7
Saturation Coefficient	0.86	0.89	0.89	0.86	0.86	0.87

Compressive Strength	1	2	3	4	5	Average
<i>psi</i>	9,628	11,806	11,894	9,290	12,301	10,984
<i>MPa</i>	66	81	82	64	85	76

IRA (Oven Dried Method)	1	2	3	4	5	Average
<i>g/min/30 in.²</i>	17.1	17.9	16.5	16	18.4	17.2

Efflorescence	1	2	3	4	5
Efflorescence Detection	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 / 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