

## 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*  
04/23/2020

Name:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340	Plant:	Adel Plant
Phone:	(p) (610) 562-3076	Sampled Date:	04/23/2020
Report Number:	GGAD-0016	Fired Date:	04/14/2020
Description:	<b>Clay w/Additive Extruded Cored</b>		

Absorption	1	2	3	4	5	Average
24 Hour Cold Water (%)	5.5	5.3	5.7	5.3	5.5	5.5
5 Hour Boiling Water (%)	6.5	6.2	6.7	6.1	6.4	6.4
Saturation Coefficient	0.84	0.85	0.83	0.86	0.84	0.84

Compressive Strength	1	2	3	4	5	Average
<i>psi</i>	13,236	14,940	11,639	14,763	13,476	13,611
<i>MPa</i>	91	103	80	102	93	94

IRA (Oven Dried Method)	1	2	3	4	5	Average
<i>g/min/30 in.<sup>2</sup></i>	14	16	15	16	15	15.2

Efflorescence	1	2	3	4	5
<i>Efflorescence Detection</i>	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 / 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
- CSA - A82-14 Fired Masonry brick made from clay or shale  
Class: EG



Mike Krzyzanowski  
Technical Services Manager