

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
07/22/2021

Name:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340	Plant:	Marseilles Plant		
Phone:	(p) (610) 562-3076	Sampled Date:	07/19/2020		
Report Number:	GMMP320	Fired Date:	07/14/2020		
Description:	Clay/Shale Extruded Cored				

Absorption	1	2	3	4	5	Average
24 Hour Cold Water (%)	6.6	7	6.8	5.8	5.3	6.3
5 Hour Boiling Water (%)	8.2	8.7	8.5	7.6	7	8.0
Saturation Coefficient	0.8	0.81	0.81	0.77	0.76	0.79

Compressive Strength	1	2	3	4	5	Average
<i>psi</i>	14,456	14,388	13,395	18,125	18,068	15,686
<i>MPa</i>	100	99	92	125	125	108

IRA (Oven Dried Method)	1	2	3	4	5	Average
<i>g/min/30 in.²</i>	13.1	16.1	14.2	12.9	17.2	14.7

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 / 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