

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
03/15/2020

Name: Phone: Report Number:	433 South Pott Shoemakersvil (p) (610) 562-3	le, PA, 19555-0340 076		Plant: Sampled Date: Fired Date:	Pittsburgh Plant 02/23/2020 02/21/2020		
Description:	Clay/Shale Extruded Cored						
Absorption		1	2	3	4	5	Average
24 Hour Cold Water (%) 5 Hour Boiling Water (%) Saturation Coefficient		3.2 3.9 0.81	3.3 3.7 0.88	3.2 4 0.82	2.8 3.5 0.8	3.3 4.1 0.8	3.2 3.8 0.82
Compressive Strength		1	2	3	4	5	Average
,	psi MPa	17,690 122	22,589 156	20,419 141	17,407 120	20,288 140	19,679 136
IRA (Oven Dried Method)		1	2	3	4	5	Average
(2.00 2.10	g/min/30 in. ²	4	5.8	4.4	4.5	4.1	4.6
Efflorescence		1	2	3	4	5	
Efflorescence Detec	ction	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	
Percent Void		1	2	3	4	5	Average
		22	22	22	22	22	22

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







