

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

12/02/2020

Phone: Report Number: Description:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340 (p) (610) 562-3076 GGAD-0020 Shale w/Additives Extruded Solid			Plant: Sampled Date: Fired Date:	Adel Plant 11/20/2020 11/02/2020		
Absorption		1	2	3	4	5	Average
24 Hour Cold Water (%) 5 Hour Boiling Water (%) Saturation Coefficient		3 3.3 0.92	1.7 2.6 0.64	1.5 1.8 0.82	2.2 2.8 0.77	1.5 1.8 0.86	2.0 2.5 0.80
Compressive Strength		1	2	3	4	5	Average
•	psi MPa	29,042 200	30,865 213	31,482 217	31,683 219	30,417 210	30,698 212
IRA (Oven Dried Method) g/min/30 in. ²		1	2	3	4	5	Average
		1.2	1	1.3	2.9	1	1.5
Efflorescence Efflorescence Detection		1	2	3	4	5	
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	
Abrasion Resistance		1	2	3	4	5	Average
		0.01	0.01	0	0.01	0.01	0.01

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

C902 - 15 Standard Specification for Pedestrian and Light Traffic Paving Brick

Type: I - II - III Class: SX - MX - NX

CSA - A82-14 Fired Masonry brick made from clay or shale

Class: EG - IG

C1272 The Standard Specification for Heavy Vehicular Paving Brick

Grade: F

Mike Krzyzanowski

Technical Services Manager







