

TEST REPORT

Results of Tests on brick Conducted in accordance with ASTM C 67-18 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile ASTM C 1405 - 16 Standard Specification for Glazed Brick (Single Fired, Solid Brick Units)
12/02/2021

Name:	Glen-Gery Technical Services 433 South Pottsville Pike Shoemakersville, PA, 19555-0340	Plant:	Hanley Plant
		Sampled Date:	03/19/2021
Phone:	(p) (610) 562-3076	Fired Date:	07/26/2020
Report Number:	GGHNP54		
Description:	Clay Glazed Cut Thin Brick		

Imperviousness:	For bricks 6 through 10, no stain could be seen from a distance of 5 feet on or beneath the surface.
Opacity:	For bricks 1 through 3, no discoloration of the body was visible through the glaze.
Autoclave Crazing:	For bricks 1 through 3, the glaze did not craze, spall, or crack.
Chemical Resistance:	For bricks 4 and 5, the color of the glaze did not change.
MOHS:	Specimens tested having an average MOHS Hardness of 7.

Absorption	1	2	3	4	5	Average
<i>24 Hour Cold Water (%)</i>	3.9	3.7	4.1	4.2	3.9	4.0
<i>5 Hour Boiling Water (%)</i>	5	5	5.4	5.4	5.2	5.2
<i>Saturation Coefficient</i>	0.77	0.74	0.76	0.78	0.73	0.76

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:

C1088-20 Standard Specification for Thin Veneer Brick Units Made From Clay or Shale

Grade: Exterior - Interior

C1405 - 16 Standard Specification for Glazed Brick (Single Fired, Solid Brick Units)

Type: I

Class:



Mike Krzyzanowski
Technical Services Manager