



BRICK TEST REPORT

Results of Tests on Brick conducted in accordance with ASTM C67-14 Standard Method for Sampling and Testing Brick and Structural Clay Tile

Client: The Belden Brick Company
P.O. Box 20910
Canton, OH 44701-0910

Project: Lab Testing **Project Number:** 1710532.4A

Date Received: August 15, 2017 **Sample Date:** _____

Source of Bricks: The Belden Brick Company

Sample Description: PLT 3, Sand Mold – Face Brick

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Submersion in Cold Water (%)	5.8	5.7	6.5	6.6	6.8	6.3	8/11/17
5 Hour Submersion in Boiling Water (%)	7.3	9.4	8.4	10.0	8.8	8.8	
Saturation Coefficient (Ratio of 24hr to 5hr)	0.79	0.61	0.77	0.66	0.77	0.72	

Compressive Strength	1	2	3	4	5	Average	Test Date
<i>psi</i>	7,410	8,130	4,860	4,970	5,720	6,220	8/10/17
<i>MPa</i>	82.9	81.5	85.2	80.3	87.9	83.6	

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
<i>g/min/30 in²</i>	9.3	15.5	12.9	14.1	14.9	13.3	8/11/17

Efflorescence	11	12	13	14	15	Test Date
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	7/11/17

The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:

ASTM C 216-17 Standard Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)
Grade: SW, MW

James Henning, P.E. – Director of Testing Services