

Results of Tests on Brick conducted in accordance with ASTM C67-12 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

07/09/2013

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	The Belden Brick Company
Phone:	330-456-0031	Report Number:	BBC-0262
Fax:	330-456-2694	Sampled Date:	06/14/2013
		Lot:	
		Product Code:	704006293

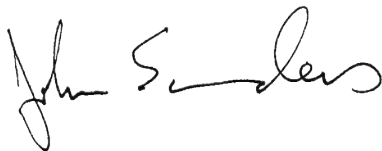
Sample Description: **Plt 4, Roman, Shale/Fireclay w/Additive (Face Brick)**

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		3.17	2.92	3.44	2.75	2.55	2.96
5 Hour Submersion in Boiling Water (%)		4.14	3.93	4.69	3.82	3.50	4.02
Saturation Coefficient (Ratio of 24H to 5H)		0.77	0.74	0.73	0.72	0.73	0.74
Compressive Strength		1	2	3	4	5	Average
	psi	14,543	15,042	13,883	16,129	18,053	15,530
	MPa	100.3	103.7	95.7	111.2	124.5	107.1
Efflorescence		11	12	13	14	15	
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	06/26/2013
IRA		6	7	8	9	10	Average
	g/min/30 in.²	1.6	1.6	1.3	1.5	2.1	1.6

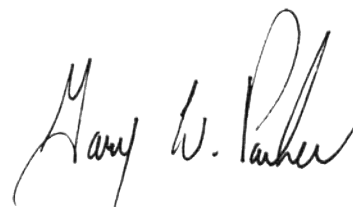
The brick represented by the test results shown here comply with the standards listed below:

ASTM C 216 - 12 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)

Grade: SW, MW



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor