

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-0263
Fax:	330-456-2694	Sampled Date:	06/14/2013
		Lot:	
		Product Code:	704006292

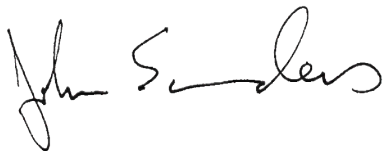
Sample Description: **Plt 4, Roman, All Shale, No Additive (Face Brick)**

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		6.51	3.65	1.11	2.94	2.27	3.30
5 Hour Submersion in Boiling Water (%)		8.58	5.08	2.34	4.24	3.54	4.76
Saturation Coefficient (Ratio of 24H to 5H)		0.76	0.72	0.47	0.70	0.64	0.66
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	7,719	11,168	18,237	14,871	14,697	13,339
	<i>MPa</i>	53.2	77.0	125.7	102.5	101.3	92.0
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
	<i>g/min/30 in.²</i>	4.2	6.2	9.6	0.8	0.7	4.3

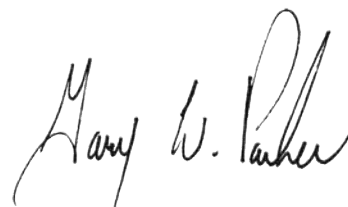
The brick represented by the test results shown here comply with the standards listed below:

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