

Results of Tests on Brick conducted in accordance with ASTM C67-11 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

11/13/2012

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	The Belden Brick Company
Phone:	330-456-0031	Report Number:	BBC 0194 (Thin Brick)
Fax:	330-456-2694	Sampled Date:	05/16/2012
		Lot:	
		Product Code:	

Sample Description: **Plt 4, Shale & Fireclay Ironspot (Thin Brick)**

							Test Date	
Absorption		1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)		3.83	2.87	2.75	1.71	2.43	2.72 05/31/2012	
5 Hour Submersion in Boiling Water (%)		5.14	3.71	3.55	2.50	3.20	3.62	
Saturation Coefficient (Ratio of 24H to 5H)		0.75	0.77	0.77	0.68	0.76	0.75	
Compressive Strength		1	2	3	4	5	Average	
	<i>psi</i>	17,621	15,587	15,266	21,303	14,907	16,937 05/31/2012	
	<i>MPa</i>	121.5	107.5	105.3	146.9	102.8	116.8	
Efflorescence		11	12	13	14	15		
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	06/27/2012	
IRA		6	7	8	9	10	Average	
	<i>g/min/30 in.²</i>	2.8	2.6	2.0	2.2	2.9	2.5 06/18/2012	
Average % Void		16.9						06/18/2012

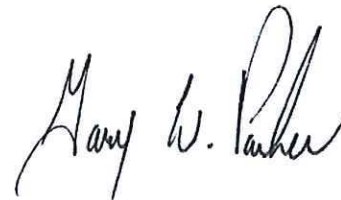
The brick represented by the test results shown here comply with the standards listed below:

ASTM C 1088 - 11 Standard Specification for thin Veneer brick Units Made From Clay or Shale

Grade: Exterior, Interior



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor