

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 0238 (Thin Brick)
Fax:	330-456-2694	Sampled Date:	07/12/2012
		Lot:	
		Product Code:	

Sample Description: **Plt 8, Shale & Fireclay No Additive, Fine Grind (Thin Brick)**

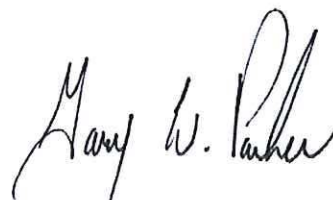
							Test Date	
Absorption		1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)		3.05	3.73	3.75	2.82	3.32	3.33	
5 Hour Submersion in Boiling Water (%)		3.41	4.28	4.19	3.08	3.65	3.72	
Saturation Coefficient (Ratio of 24H to 5H)		0.89	0.87	0.89	0.92	0.91	0.90	
Compressive Strength		1	2	3	4	5	Average	
	<i>psi</i>	13,530	12,223	14,242	13,460	13,491	13,389	
	<i>MPa</i>	93.3	84.3	98.2	92.8	93.0	92.3	
Efflorescence		11	12	13	14	15		
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	08/21/2012	
IRA		6	7	8	9	10	Average	
	<i>g/min/30 in.²</i>	4.4	3.6	3.9	3.9	3.3	3.8	
Average % Void		23.3						07/25/2012

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, with absorption alternate in section 5.1



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor