

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-0185 (Thin Brick)
Fax:	330-456-2694	Sampled Date:	05/01/2012
		Lot:	
		Product Code:	

Sample Description: **Plt 8, Shale & Fireclay w/Additive, Coarse Grind (Thin Brick)**

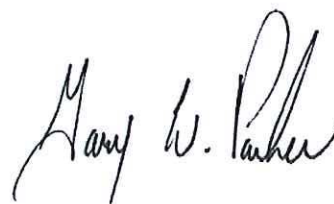
							Test Date	
Absorption		1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)		2.84	3.38	2.59	2.79	3.26	2.97	
5 Hour Submersion in Boiling Water (%)		3.63	4.18	3.37	3.56	4.05	3.76	
Saturation Coefficient (Ratio of 24H to 5H)		0.78	0.81	0.77	0.78	0.81	0.79	
Compressive Strength		1	2	3	4	5	Average	
	<i>psi</i>	16,006	17,576	16,073	18,266	15,895	16,763	
	<i>MPa</i>	110.4	121.2	110.8	125.9	109.6	115.6	
Efflorescence		11	12	13	14	15		
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	06/06/2012	
IRA		6	7	8	9	10	Average	
	<i>g/min/30 in.²</i>	5.0	3.5	3.8	5.0	5.8	4.6	
Average % Void		22.5						06/06/2012

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