

Results of Tests on Brick conducted in accordance with ASTM C67-09 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

08/29/2011

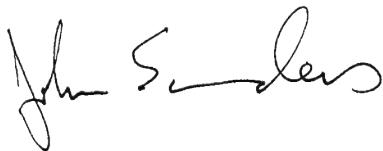
Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	The Belden Brick Company
Phone:	330-456-0031	Report Number:	BBC-0160
Fax:	330-456-2694	Sampled Date:	05/04/2011
		Lot:	
		Product Code:	

Sample Description: **Plant 3 - Shale / Fireclay, No Additive (Face)**

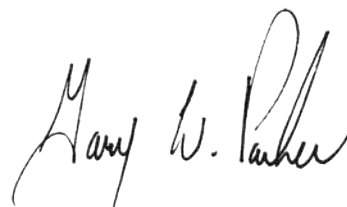
	1	2	3	4	5	Average	Test Date
Absorption							
24 Hour Submersion in Cold Water (%)	3.95	3.98	4.88	4.61	4.71	4.43	06/14/2011
5 Hour Submersion in Boiling Water (%)	6.71	6.73	7.61	7.40	7.54	7.20	
Saturation Coefficient (Ratio of 24H to 5H)	0.59	0.59	0.64	0.62	0.62	0.61	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		06/21/2011

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

ASTM C 1088 - 10 Standard Specification for thin Veneer brick Units Made From Clay or Shale
Grade: Exterior, Interior



John Sanders, Ph.D., PE, Associate Director for Operations



Gary W. Parker, Laboratory Supervisor