

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 0190 (Thin Brick)
Fax:	330-456-2694	Sampled Date:	05/16/2012
		Lot:	
		Product Code:	

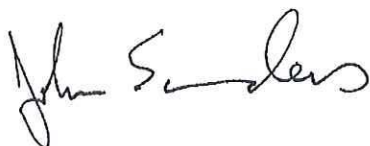
Sample Description: **Plt 4, All Shale (No Additive) (Thin Brick)**

							Test Date	
Absorption		1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)		0.96	1.04	3.49	3.00	3.24	2.35	
5 Hour Submersion in Boiling Water (%)		2.52	2.72	5.20	5.08	4.81	4.07	
Saturation Coefficient (Ratio of 24H to 5H)		0.38	0.38	0.67	0.59	0.67	0.54	
Compressive Strength		1	2	3	4	5	Average	
	<i>psi</i>	19,800	21,003	17,624	17,158	15,724	18,262	
	<i>MPa</i>	136.5	144.8	121.5	118.3	108.4	125.9	
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>	2.9	2.5	2.1	2.5	2.0	2.4	
Average % Void		16.4						06/18/2012

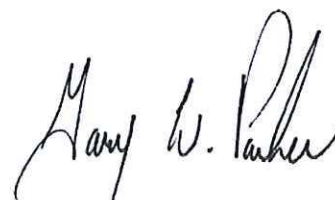
The brick represented by the test results shown here comply with the standards listed below:

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