

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 0207 (Thin Brick)
Fax:	330-456-2694	Sampled Date:	05/16/2012
		Lot:	
		Product Code:	

Sample Description: **Plt 6, All Shale (No Additive) (Thin Brick)**

						Average	Test Date
<b>Absorption</b>	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	3.53	4.16	3.90	3.81	3.74	3.83	07/06/2012
5 Hour Submersion in Boiling Water (%)	5.29	5.74	5.55	5.34	5.35	5.45	
Saturation Coefficient (Ratio of 24H to 5H)	0.67	0.72	0.70	0.71	0.70	0.70	
<b>Compressive Strength</b>	1	2	3	4	5	Average	
psi	15,545	16,275	19,258	20,923	14,632	17,327	07/06/2012
MPa	107.2	112.2	132.8	144.3	100.9	119.5	
<b>Efflorescence</b>	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		07/16/2012
<b>IRA</b>	6	7	8	9	10	Average	
g/min/30 in. <sup>2</sup>	6.2	7.8	5.7	5.5	5.8	6.2	07/09/2012
<b>Average % Void</b>	15.8						07/05/2012

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