

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 0235 (Thin Brick)
Fax:	330-456-2694	Sampled Date:	06/26/2012
		Lot:	
		Product Code:	
Sample Description:	<b>Pit 8, All Shale w/ Additive, Coarse Grind (Thin Brick)</b>		

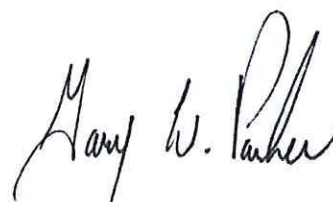
							Test Date	
<b>Absorption</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>	
24 Hour Submersion in Cold Water (%)		2.19	2.67	1.98	2.82	2.44	2.42	
5 Hour Submersion in Boiling Water (%)		2.94	3.56	2.86	3.36	3.43	3.23	
Saturation Coefficient (Ratio of 24H to 5H)		0.74	0.75	0.69	0.84	0.71	0.75	
<b>Compressive Strength</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>	
	<i>psi</i>	20,218	13,422	14,759	19,158	13,365	16,184	
	<i>MPa</i>	139.4	92.5	101.8	132.1	92.2	111.6	
<b>Efflorescence</b>		<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>		
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	07/16/2012	
<b>IRA</b>		<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>Average</b>	
	<i>g/min/30 in.<sup>2</sup></i>	4.5	3.5	5.0	4.2	3.6	4.1	
<b>Average % Void</b>		22.2						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, with absorption alternate in section 5.1



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor