

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 0195 (Thin Brick)
Fax:	330-456-2694	Sampled Date:	05/16/2012
		Lot:	
		Product Code:	
Sample Description:	<b>Plt 4, Shale &amp; Fireclay w/Additive Ironspot (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 (%)		1.75	2.31	2.27	3.99	1.93	2.45	
5 Hour Submersion in Boiling Water (%)		2.06	3.27	2.96	4.93	3.59	3.36	
Saturation Coefficient (Ratio of 24H to 5H)		0.85	0.71	0.77	0.81	0.54	0.73	
<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>	20,680	16,288	18,367	17,888	17,579	18,160	
	<i>MPa</i>	142.6	112.3	126.6	123.3	121.2	125.2	
<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	07/05/2012	
<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>	1.7	1.8	2.1	2.1	1.8	1.9	
<b>Average % Void</b>		16.7						06/18/2012

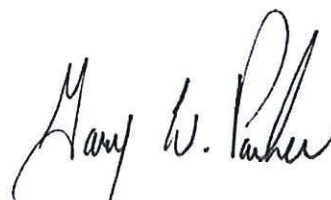
The brick represented by the test results shown here comply with the standards listed below:

ASTM C 1088 - 11 Standard Specification for thin Veneer brick Units Made From Clay or Shale

Grade: Exterior, Interior, with absorption alternate in section 5.1



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor