

Results of Tests on Brick conducted in accordance with ASTM C67-12 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

11/30/2012

Name:	The Belden Brick Company P. O. Box 430 Sugar creek, OH 44681	Plant:	The Belden Brick Company
Phone:	330-852-2424	Report Number:	BBC-0250 (Thin Brick)
Fax:	330-852-2958	Sampled Date:	11/08/2012
		Lot:	
		Product Code:	

Sample Description: **Fireclay (No Additive) (Thin Brick)**

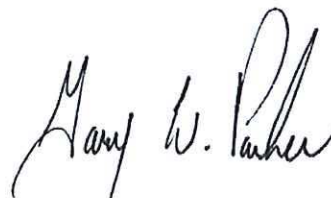
						Average	Test Date
<b>Absorption</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>		
24 Hour Submersion in Cold Water (%)	4.80	5.81	5.37	5.51	5.47	5.39	11/12/2012
5 Hour Submersion in Boiling Water (%)	8.70	9.79	9.33	9.25	9.23	9.26	
Saturation Coefficient (Ratio of 24H to 5H)	0.55	0.59	0.58	0.60	0.59	0.58	
<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>	11,811	10,457	10,526	10,070	9,935	10,560	11/14/2012
<i>MPa</i>	81.4	72.1	72.6	69.4	68.5	72.8	
<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		11/19/2012
<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>	11.8	10.2	11.5	12.3	13.6	11.9	11/19/2012

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

ASTM C 1088 - 12 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