



**TEST REPORT**

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*Results of Tests on Brick conducted in accordance with ASTM C67-14 Standard Method for Sampling and Testing*

*Brick and Structural Clay Tile*

09/26/2016

Name:	The Belden Brick Company P. O. Box 430 Sugarcreek , OH 44681	Plant:	The Belden Brick Company	*Temperature: 60 - 90F
Phone:	330-852-2424	Report Number:	7106-15037	*Humidity: 30% - 70%
Fax:	330-852-2958	Received Date:	08/04/2016	
		Sampled Date:	08/04/2016	
		Lot:		
		Product Code:		

Sample Description: **PLT 2, ALL SHALE, NO ADDITIVE (FACE BRICK)**

							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 (%)	2.73	3.02	2.88	2.71	2.67	2.80	09/09/2016
5 Hour Submersion in Boiling Water (%)	4.20	4.53	4.49	4.22	4.33	4.36	
Saturation Coefficient (Ratio of 24H to 5H)	0.65	0.67	0.64	0.64	0.62	0.64	
<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>	18,738	18,526	17,933	16,956	17,824	17,995	09/06/2016
<i>MPa</i>	129.2	127.7	123.6	116.9	122.9	124.1	
<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		09/07/2016
<b>IRA (Oven Dried Method)</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>	5.8	6.1	5.1	6.8	6.3	6.0	09/20/2016
<b>Average % Void</b>	21.0						09/16/2016

*The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:*

ASTM C 216 - 15 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)

Grade: SW, MW

Michael Walker, Quality Manager

*\*The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 -90F, and 30-70% RH*

*The results shown above apply only to the samples tested, which are provided by the customer.*

*This test report shall not be reproduced except in full, without written approval of the laboratory.*