

**Results of Tests on brick Conducted in accordance with C67/C67M - 21 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile**

07/30/2021

Name:	The Belden Brick Company	Plant:	Canton
	700 West Tuscarawas Street	Sampled Date:	7/7/2021
	Canton, OH 44702	Received Date:	7/7/2021
Phone:	330-456-0031	Fired Date:	7/7/2021
Fax:	330-456-2694	Product Code:	
Report Number:	10249-25236	Lot Number:	


Description: **PLT 2 ALL FIRECLAY W/ADDITIVE (FACE)**

<b>Absorption</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>	<b>Test Date</b>
24 Hour Cold Water (%)	2.5	2.4	2.5	2.5	2.6	2.5	7/9/2021
5 Hour Boiling Water (%)	3.4	3.4	3.5	3.5	3.6	3.5	
Saturation Coefficient	0.74	0.72	0.72	0.71	0.73	0.72	
<b>Compressive Strength</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>	<b>Test Date</b>
psi	14,970	18,840	13,510	17,200	15,110	15,930	7/9/2021
<b>IRA (Oven Dried Method)</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>Average</b>	<b>Test Date</b>
g/min/30 in. <sup>2</sup>	4.0	3.9	4.4	3.7	3.8	3.9	7/19/2021
<b>Efflorescence</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>Test Date</b>	
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		7/20/2021
<b>Void Area</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>	<b>Test Date</b>
Void Area (%)	21	21	22	22	22	22	7/13/2021

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

C 216 - 21 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.*