

**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 700 West Tuscarawas Street Canton, OH 44702	Plant:	Canton
Phone:	330-456-0031	Sampled Date:	7/7/2021
Fax:	330-456-2694	Received Date:	7/7/2021
Report Number:	10249-25233	Fired Date:	7/7/2021
		Product Code:	
		Lot Number:	


Description: **PLT 2 SHALE/FIRECLAY NO 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 (%)	2.7	3.0	3.0	2.9	2.7	2.9	7/9/2021
5 Hour Boiling Water (%)	3.5	4.0	4.0	3.5	3.5	3.7	
Saturation Coefficient	0.78	0.74	0.76	0.82	0.76	0.77	
<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	11,640	19,980	17,850	13,990	13,260	15,340	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>	4.1	4.6	4.6	4.5	3.6	4.3	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	21	21	21	21	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.*