

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

08/25/2022

Name:	The Belden Brick Company	Plant:	Canton
	700 West Tuscarawas Street	Sampled Date:	7/18/2022
	Canton, OH 44702	Received Date:	7/18/2022
Phone:	330-456-0031	Fired Date:	
Fax:	330-456-2694	Product Code:	
Report Number:	10960-27357	Lot Number:	

Description: **PLT 8 ALL SHALE COARSE GRIND W/ADDITIVE**

<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 (%)	3.0	3.4	2.4	2.9	5.7	3.5	8/1/2022
5 Hour Boiling Water (%)	4.7	5.2	3.7	4.5	7.9	5.2	
Saturation Coefficient	0.63	0.66	0.65	0.64	0.73	0.66	
<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	17,690	18,370	22,580	21,810	15,100	19,110	7/26/2022
<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>	10.8	5.0	6.7	8.7	6.3	7.5	7/26/2022
<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		8/1/2022
<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 (%)	18	17	17	17	17	17	7/25/2022

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

C 216 - 22 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)  
Grade: SW, MW

  
Katherine Hill, 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.  
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