

**Results of Tests on brick Conducted in accordance with C67/C67M - 23a Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile**

07/01/2024

Name:	The Belden Brick Company P. O. Box 430 Sugar creek, OH 44681	Plant:	Sugarcreek
Phone:	330-456-0031	Sampled Date:	6/4/2024
Fax:	330-456-2694	Received Date:	6/4/2024
Report Number:	12863-31921	Fired Date:	6/4/2024
		Product Code:	
		Lot Number:	

Description: **PLT 2, FIRECLAY W/ADDITIVE (PAVER, 2-1/4")**

<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	2.3	2.3	2.3	2.5	2.4	6/10/2024
5 Hour Boiling Water (%)	3.4	3.1	3.1	3.1	3.3	3.2	
Saturation Coefficient	0.76	0.74	0.73	0.73	0.75	0.74	
<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	27,270	27,050	26,400	24,550	26,370	26,330	6/14/2024
<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		6/19/2024
<b>Breaking Load</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>	<b>Test Date</b>
lb/in	870	1,061	719	1,120	833	921	6/18/2024
<b>Abrasion Resistance</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>	
	0.01	0.01	0.01	0.01	0.01	0.01	

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

ASTM C216 - 23 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)  
Grade: SW, MW

ASTM C902 - 22 Standard Specification for Pedestrian and Light Traffic Paving Brick  
Class: SX, MX, NX  
Type: I, II, III

ASTM C1272 - 22a Standard Specification for Heavy Vehicular Paving Brick  
Type: R

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