

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

07/20/2022

Name:	The Belden Brick Company	Plant:	Sugarcreek
	P. O. Box 430	Sampled Date:	6/14/2022
	Sugarcreek, OH 44681	Received Date:	6/14/2022
Phone:	330-456-0031	Fired Date:	6/14/2022
Fax:	330-456-2694	Product Code:	
Report Number:	10865-27009	Lot Number:	

Description: **PLT 4 IRONSPOT PAVER 1-1/8 (SHALE & FIRECLAY 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 (%)	1.0	1.2	1.2	2.0	1.4	1.3	6/16/2022
5 Hour Boiling Water (%)	1.5	1.5	1.6	2.1	1.9	1.7	
Saturation Coefficient	0.68	0.78	0.75	0.94	0.78	0.79	
<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	16,050	21,350	19,430	15,210	17,860	17,980	6/16/2022
<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		6/27/2022
<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	212	125	190	177	206	182	6/30/2022
<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:*

C 902 - 20 Standard Specification for Pedestrian and Light Traffic Paving Brick  
Class: SX, MX, NX  
Type: I, II, III

  
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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