

**TEST REPORT**

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

09/05/2024

Name:	The Belden Brick Company P. O. Box 430 Sugar creek, OH 44681	Plant:	Sugarcreek
Phone:	330-456-0031	Sampled Date:	7/3/2024
Fax:	330-456-2694	Received Date:	7/3/2024
Report Number:	12943-32127	Fired Date:	7/3/2024

Description: **PLT 8, ALL FIRECLAY, NO 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 (%)	6.4	5.9	6.0	5.5	6.2	6.0	7/19/2024
5 Hour Boiling Water (%)	8.2	7.6	7.7	7.3	7.9	7.7	
Saturation Coefficient	0.78	0.78	0.77	0.76	0.79	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	16,240	16,700	15,900	15,530	16,010	16,080	7/16/2024

<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	7/18/2024

<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	526	544	561	634	592	571	7/15/2024

<b>Abrasion Resistance</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
	0.04	0.04	0.04	0.04	0.04	0.04

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

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.  
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