

**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**

08/01/2024

Name:	The Belden Brick Company P. O. Box 430 Sugar creek, OH 44681	Plant:	Sugarcreek
Phone:	330-456-0031	Sampled Date:	7/17/2024
Fax:	330-456-2694	Received Date:	7/17/2024
Report Number:	12984-32215	Fired Date:	7/17/2024

Description: **PLT 4, SHALE & FIRECLAY, FINE GRIND, NO ADDITIVE (PAVER, 2-1/4)**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	4.7	3.1	4.9	2.5	2.2	3.5	7/25/2024
5 Hour Boiling Water (%)	6.3	4.4	6.3	4.1	3.6	4.9	
Saturation Coefficient	0.75	0.69	0.78	0.61	0.63	0.69	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	21,070	25,870	23,440	27,990	28,440	25,360	7/26/2024

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	7/30/2024

Breaking Load	1	2	3	4	5	Average	Test Date
lb/in	1,038	928	997	1,060	1,194	1,043	7/30/2024

Abrasion Resistance	1	2	3	4	5	Average
	0.02	0.01	0.02	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 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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