

**TEST REPORT**

100 Clemson Research Blvd.  
Anderson, SC 29625  
(864) 656-1094  
Fax: (864) 656-1095  
www.brickandtile.org



**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:	6/5/2024
Fax:	330-456-2694	Received Date:	6/5/2024
Report Number:	12865-31929	Fired Date:	6/5/2024
		Product Code:	
		Lot Number:	

Description: **PLT 2, SHALE & FIRECLAY W/ADDITIVE (PAVER, 2-3/4")**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	2.8	2.5	2.6	2.4	2.4	2.6	6/13/2024
5 Hour Boiling Water (%)	3.0	3.1	3.4	2.8	2.9	3.1	
Saturation Coefficient	0.93	0.79	0.78	0.87	0.83	0.84	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	25,570	25,320	24,940	24,580	25,480	25,180	6/14/2024

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	6/19/2024

Breaking Load	1	2	3	4	5	Average	Test Date
lb/in	1,506	993	1,676	1,796	1,701	1,534	6/19/2024

Abrasion Resistance	1	2	3	4	5	Average
	0.01	0.01	0.01	0.01	0.01	0.01

E303 Surface Friction	1	2	3	4	Average	Test Date
BPN	76	77	75	76	76	6/18/2024

Surface Temperature (F): 72  
 Test Surface Location: BML  
 Type of Slider: Rubber  
 Condition of Slider: Good  
 Test Surface Texture: Paver Extruded

**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: F, 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.