

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

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:	12865-31928	Fired Date:	6/5/2024
		Product Code:	
		Lot Number:	

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

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	2.0	2.2	2.3	2.3	2.2	2.2	6/13/2024
5 Hour Boiling Water (%)	2.8	3.1	3.3	3.4	3.2	3.2	
Saturation Coefficient	0.70	0.70	0.69	0.68	0.69	0.69	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	27,320	25,610	25,310	24,690	25,230	25,630	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	1,432	1,330	1,332	1,289	1,628	1,402	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	81	78	79	78	79	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.
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