

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

09/06/2024

Name:	The Belden Brick Company P. O. Box 430 Sugar creek, OH 44681	Plant:	Sugarcreek
Phone:	330-456-0031	Sampled Date:	8/21/2024
Fax:	330-456-2694	Received Date:	8/21/2024
Report Number:	13077-32424	Fired Date:	8/21/2024

Description: **PLT 6, ALL FIRECLAY W/ADD, PLANK PAVER**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	2.3	2.2	3.5	3.4	3.4	3.0	8/28/2024
5 Hour Boiling Water (%)	3.5	3.4	4.8	4.7	4.8	4.2	
Saturation Coefficient	0.68	0.65	0.73	0.72	0.71	0.70	
Compressive Strength	1	2	3	4	5	Average	Test Date
psi	24,520	23,060	21,620	20,500	22,490	22,440	9/4/2024
IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	3.3	3.7	3.6	3.5	3.6	3.5	8/28/2024
Efflorescence	11	12	13	14	15	Test Date	
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	9/4/2024	
Breaking Load	1	2	3	4	5	Average	Test Date
Tested on Edge lb/in	1,941	1,996	1,922	2,503	1,970	2,066	8/28/2024
Breaking Load	1	2	3	4	5	Average	Test Date
Tested Flat lb/in	726	671	690	567	723	675	8/29/2024
Abrasion Resistance	1	2	3	4	5	Average	
	0.01	0.01	0.02	0.02	0.02	0.01	
E303 Surface Friction	1	2	3	4	Average		Test Date
BPN	70	70	69	70	70		8/28/2024
Surface Temperature (F): 71		Condition of Slider: Good					
Test Surface Location: BML		Test Surface Texture: Extruded Paver					
Type of Slider: Rubber							

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

TEST REPORT

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

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**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.*