

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

07/26/2024

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:	12944-32133	Fired Date:	7/3/2024

Description: **PLT 4, ALL SHALE, COARSE GRIND, NO ADDITIVE (PLANK PAVER, 2-1/4 X 4 X 12)**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	1.2	2.0	1.3	1.4	1.6	1.5	7/19/2024
5 Hour Boiling Water (%)	3.3	4.7	3.5	3.9	4.0	3.9	
Saturation Coefficient	0.36	0.43	0.36	0.36	0.41	0.39	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	26,630	23,970	22,370	20,550	24,260	23,560	7/17/2024

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	5.7	5.0	5.3	5.9	5.3	5.4	7/11/2024

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	7/19/2024

Breaking Load	1	2	3	4	5	Average	Test Date
tested flat lb/in	754	722	754	635	735	720	7/16/2024

Breaking Load	1	2	3	4	5	Average	Test Date
tested on edge lb/in	1,908	1,345	1,205	1,759	1,905	1,624	7/23/2024

Abrasion Resistance	1	2	3	4	5	Average
	0.00	0.01	0.01	0.01	0.01	0.01

E303 Surface Friction	1	2	3	4	Average	Test Date
BPN	74	73	72	71	73	7/22/2024

Surface Temperature (F): 71
Test Surface Location: BML
Type of Slider: Rubber

Condition of Slider: Good
Test Surface Texture: Plank Paver Extruded

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 - flat set
Type: R, F - edge set


Katherine Hill, Quality Manager

TEST REPORT

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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.*