

Results of Tests on brick Conducted in accordance with C67/C67M - 24 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

09/25/2025

Name:	The Belden Brick Company	Plant:	Sugarcreek
	P. O. Box 430	Sampled Date:	9/12/2025
	Sugarcreek, OH 44681	Received Date:	9/12/2025
Phone:	330-456-0031	Fired Date:	9/12/2025
Fax:	330-456-2694		
Report Number:	14276-35436		

Description: **PLT 6, Plank Paver (2-1/4 x 4 x 12), All Fireclay No Additive**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	3.7	3.7	3.7	3.6	3.4	3.6	9/22/2025
5 Hour Boiling Water (%)	4.7	4.7	4.6	4.6	4.3	4.6	
Saturation Coefficient	0.79	0.79	0.81	0.79	0.79	0.79	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	23,770	25,090	22,550	23,260	22,840	23,500	9/23/2025

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	5.1	5.6	6.7	5.8	6.7	6.0	9/16/2025

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	9/24/2025

Breaking Load - Tested Flat	1	2	3	4	5	Average	Test Date
lb/in	681	631	514	670	702	640	9/17/2025

Breaking Load - Tested on Edge	1	2	3	4	5	Average	Test Date
lb/in	2,115	927	2,021	2,149	2,139	1,870	9/17/2025

Abrasion Resistance	1	2	3	4	5	Average
	0.02	0.01	0.02	0.02	0.02	0.02

E303 Surface Friction	1	2	3	4	Average	Test Date
BPN	81	84	84	83	83	9/12/2025

Surface Temperature (F): 72
Test Surface Location: BML
Type of Slider: Rubber

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

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)
F (Edge Set)

Katherine Hill
Katherine Hill, Quality Manager

09/25/2025

Name: The Belden Brick Company

Report Number: 14276-35436

**The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 -90F, and 30-70% RH. The sampling for these tests was done by the customer. These results are specific to the samples tested. A Simple Acceptance Decision Rule was applied when determining the conformity statement shown on this report. Reporting of test results follows the requirements of the appropriate ASTM Test Method. For information on the decision rules or measurement uncertainty, please contact Kathy Hill, BML Quality Manager. This test report shall not be reproduced except in full, without written approval of the laboratory.*