

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

07/24/2025

Name:	The Belden Brick Company P. O. Box 430 Sugarcreek, OH 44681	Plant:	Sugarcreek
Phone:	330-456-0031	Sampled Date:	7/11/2025
Fax:	330-456-2694	Received Date:	7/11/2025
Report Number:	14066-34938	Fired Date:	7/11/2025

Description: **PLT 2, Shale/Fireclay w/Additive (Paver, 2-1/4)**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	2.6	2.6	3.0	2.5	2.9	2.7	7/17/2025
5 Hour Boiling Water (%)	3.4	3.4	3.9	3.3	3.8	3.6	
Saturation Coefficient	0.77	0.76	0.78	0.76	0.77	0.77	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	21,760	21,350	18,960	19,900	22,510	20,900	7/21/2025

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	7/23/2025

Breaking Load	1	2	3	4	5	Average	Test Date
lb/in	972	874	1,054	918	949	953	7/17/2025

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

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, Quality Manager

**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.*