

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

09/23/2024

Name:	The Belden Brick Company P. O. Box 430 Sugarcreek, OH 44681	Plant:	Sugarcreek
Phone:	330-456-0031	Sampled Date:	8/12/2024
Fax:	330-456-2694	Received Date:	8/12/2024
Report Number:	13054-32382	Fired Date:	8/12/2024

Description: **PLT 6, SHALE FIRECLAY NO ADD, ADA PAVER**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	2.4	2.3	1.7	2.0	2.0	2.1	8/21/2024
5 Hour Boiling Water (%)	3.4	2.6	1.9	2.2	2.4	2.5	
Saturation Coefficient	0.71	0.91	0.91	0.89	0.84	0.85	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	22,940	26,590	23,280	24,800	25,660	24,650	8/22/2024

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	3.5	1.6	2.0	3.4	2.0	2.5	8/27/2024

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	8/28/2024

Breaking Load	1	2	3	4	5	Average	Test Date
lb/in	843	840	692	752	497	725	8/28/2024

Abrasion Resistance	1	2	3	4	5	Average
	0.01	0.01	0.01	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

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.
This test report shall not be reproduced except in full, without written approval of the laboratory.*