

Results of Tests on brick Conducted in accordance with C67/C67M - 21 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

08/08/2022

Name:	The Belden Brick Company	Plant:	Sugarcreek
	P. O. Box 430	Sampled Date:	7/12/2022
	Sugarcreek, OH 44681	Received Date:	7/12/2022
Phone:	330-456-0031	Fired Date:	
Fax:	330-456-2694	Product Code:	
Report Number:	10950-27303	Lot Number:	

Description: **PLT 3 SHALE & FIRECLAY NO ADDITIVE (PAVER, 2-1/4)**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	3.3	3.9	3.7	4.6	3.8	3.9	7/20/2022
5 Hour Boiling Water (%)	6.8	7.5	7.6	8.5	7.4	7.6	
Saturation Coefficient	0.48	0.52	0.49	0.55	0.51	0.51	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	14,220	13,930	7,980	9,500	10,280	11,180	7/19/2022

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	7/27/2022

Breaking Load	1	2	3	4	5	Average	Test Date
lb/in	302	638	473	601	535	510	7/27/2022

Abrasion Resistance	1	2	3	4	5	Average
	0.02	0.03	0.05	0.05	0.04	0.03

The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:

C 902 - 20 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX
Type: I, II, III

C 1272 - 21 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 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.*