



TEST REPORT

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Results of Tests on brick Conducted in accordance with ASTM C 67-18 Standard Test Methods for Sampling and

Testing Brick and Structural Clay Tile

08/27/2020

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton , OH 44702	Plant:	Canton	*Temperature: 60 - 90F
Phone:	330-456-0031	Report Number:	9586-23125	*Humidity: 30% - 70%
Fax:	330-456-2694	Received Date:	06/15/2020	
		Sampled Date:	06/15/2020	
		Lot:		
		Product Code:		

Sample Description: **PLT 4, IRONSPOT, ALL FIRECLAY, NO ADDITIVE (PAVER, 2-1/4)**

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		2.21	1.92	2.03	1.85	2.25	2.05
5 Hour Submersion in Boiling Water (%)		3.07	2.80	2.81	2.68	2.81	2.83
Saturation Coefficient (Ratio of 24H to 5H)		0.72	0.68	0.73	0.69	0.80	0.72
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	20,078	20,235	19,309	18,600	20,348	19,714
	<i>MPa</i>	138.4	139.5	133.1	128.2	140.3	135.9
Breaking Load		6	7	8	9	10	Average
	<i>(lb/in.)</i>	1,465	1,189	1,235	958	1,269	1,223
Efflorescence		11	12	13	14	15	
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	06/26/2020
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 C 1272 - 17 Standard Specification for Heavy Vehicular Paving Brick
Type: R

ASTM C 902 - 15 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX

Type: I, II, III

Michael Walker, 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.*