



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

03/15/2019

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton , OH 44702	Plant:	Canton	*Temperature: 60 - 90F
Phone:	330-456-0031	Report Number:	8733-20486	*Humidity: 30% - 70%
Fax:	330-456-2694	Received Date:	02/28/2019	
		Sampled Date:	02/28/2019	
		Lot:		
		Product Code:		

Sample Description: **Plt 6, Shale & Fireclay w/Additive (Paver, 4 x 12)**

							Test Date	
Absorption		1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)		3.00	2.99	3.03	3.24	2.80	3.01	03/04/2019
5 Hour Submersion in Boiling Water (%)		3.57	3.55	3.95	3.91	3.46	3.69	
Saturation Coefficient (Ratio of 24H to 5H)		0.84	0.84	0.77	0.83	0.81	0.82	
Compressive Strength		1	2	3	4	5	Average	
	<i>psi</i>	25,835	26,049	24,500	28,243	25,399	26,005	03/01/2019
	<i>MPa</i>	178.1	179.6	168.9	194.7	175.1	179.3	
Breaking Load		6	7	8	9	10	Average	
	<i>(lb/in.)</i>	1,324	1,387	1,384	1,309	1,373	1,355	03/08/2019
Efflorescence		11	12	13	14	15		
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		03/12/2019
Abrasion Resistance		1	2	3	4	5	Average	
		0.01	0.01	0.01	0.01	0.01	0.01	03/12/2019

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, with absorption alternate in section 5.1.1.1

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.
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