



TEST REPORT

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Results of Tests on brick Conducted in accordance with ASTM C 67-16 Standard Test Methods for Sampling and

Testing Brick and Structural Clay Tile

05/16/2018

Name:	The Belden Brick Company P. O. Box 430 Sugar creek , OH 44681	Plant:	Sugarcreek	*Temperature: 60 - 90F
Phone:	330-456-0031	Report Number:	8207-18723	*Humidity: 30% - 70%
Fax:	330-456-2694	Received Date:	05/02/2018	
		Sampled Date:	05/02/2018	
		Lot:		
		Product Code:		

Sample Description: **PLT 2, FIRECLAY W/ADDITIVE (PAVER, 2-3/4)**

						Average	Test Date
Absorption	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	2.30	2.05	1.68	1.78	2.22	2.01	05/07/2018
5 Hour Submersion in Boiling Water (%)	3.19	3.06	2.45	2.63	3.15	2.90	
Saturation Coefficient (Ratio of 24H to 5H)	0.72	0.67	0.69	0.68	0.71	0.69	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	23,737	15,518	20,433	22,130	22,332	20,830	05/09/2018
<i>MPa</i>	163.7	107.0	140.9	152.6	154.0	143.6	
Breaking Load	6	7	8	9	10	Average	
<i>(lb/in.)</i>	1,732	1,616	1,637	1,656	1,554	1,639	05/07/2018
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		05/15/2018
Abrasion Resistance	1	2	3	4	5	Average	
	0.01	0.01	0.01	0.01	0.01	0.01	05/15/2018

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, F

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.
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