



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

07/25/2017

Name:	The Belden Brick Company P. O. Box 430 Sugarcreek , OH 44681	Plant:	The Belden Brick Company	*Temperature: 60 - 90F
Phone:	330-456-0031	Report Number:	7671-16963	*Humidity: 30% - 70%
Fax:	330-456-2694	Received Date:	07/11/2017	
		Sampled Date:	07/11/2017	
		Lot:		
		Product Code:		

Sample Description: **PLT 4, SHALE, NO ADDITIVE, COARSE GRIND, PAVER 2-3/4**

						Average	Test Date
Absorption	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	0.71	0.56	0.83	0.54	1.11	0.75	07/14/2017
5 Hour Submersion in Boiling Water (%)	2.75	1.57	3.26	2.78	3.86	2.84	
Saturation Coefficient (Ratio of 24H to 5H)	0.26	0.36	0.25	0.19	0.29	0.27	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	28,011	25,585	24,350	22,044	19,372	23,872	07/20/2017
<i>MPa</i>	193.1	176.4	167.9	152.0	133.6	164.6	
Breaking Load	6	7	8	9	10	Average	
<i>(lb/in.)</i>	1,495	1,719	1,524	1,648	1,349	1,547	07/18/2017
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		07/25/2017
Abrasion Resistance	1	2	3	4	5	Average	
	0.00	0.00	0.00	0.00	0.01	0.00	07/25/2017

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

ASTM C 1272 - 16b 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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