



TEST REPORT

100 Clemson Research Blvd.
Anderson, SC 29625
(864) 656-1094
Fax: (864) 656-1095
www.brickandtile.org

Results of Tests on Brick conducted in accordance with ASTM C67-14 Standard Method for Sampling and Testing

Brick and Structural Clay Tile

10/11/2016

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	The Belden Brick Company	*Temperature: 60 - 90F
Phone:	330-456-0031	Report Number:	7145-15167	*Humidity: 30% - 70%
Fax:	330-456-2694	Received Date:	08/26/2016	
		Sampled Date:	08/26/2016	
		Lot:	03-11-34	
		Product Code:	063610P42612A1B	

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

						Average	Test Date
Absorption	1	2	3	4	5		
24 Hour Submersion in Cold Water (%)	4.57	5.82	5.77	4.67	5.28	5.23	09/01/2016
5 Hour Submersion in Boiling Water (%)	8.89	10.25	10.18	8.85	9.21	9.47	
Saturation Coefficient (Ratio of 24H to 5H)	0.51	0.57	0.57	0.53	0.57	0.55	
Compressive Strength	1	2	3	4	5	Average	
psi	12,275	11,234	11,192	11,825	13,619	12,029	09/05/2016
MPa	84.6	77.5	77.2	81.5	93.9	82.9	
Breaking Load	6	7	8	9	10	Average	
(lb/in.)	666	473	1,929	404	420	778	09/19/2016
IRA (Oven Dried Method)	6	7	8	9	10	Average	
g/min/30 in. ²	10.6	16.8	16.1	12.4	12.1	13.6	09/19/2016
Abrasion Resistance	1	2	3	4	5	Average	
	0.04	0.05	0.05	0.04	0.04	0.04	09/19/2016

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

ASTM C 1272 - 16 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.

This test report shall not be reproduced except in full, without written approval of the laboratory.


Results of Tests on Brick conducted in accordance with ASTM E 303 - 93 (2013) Standard Method for Measuring Surface Frictional Properties Using the British Pendulum Tester

9/14/2016

Name:	The Belden Brick Company	Plant:	Canton, OH
Address:	700 West Tuscarawas Street Canton, OH 44702	Report Number:	7145_15167
Phone:		Sampled Date:	8/25/2016
Fax:		Complete Date:	9/14/2016
Report Name:	PLT 3, SHALE & FIRECLAY NO ADDITIVE (PAVER 2-3/4")		
		Technician:	Mark Young

	1	2	3	4	Average	Test Date
<i>BPN</i>	70	69	69	70	70	9/14/2016
<i>Temperature of Test Surface (°F)</i>	71					
<i>Test Surface Location</i>	Bench Top					
<i>Type of Slider</i>	Rubber					
<i>Condition of Slider</i>	Good					
<i>Test Surface Texture</i>	Sand Coated Molded Brick					

These test results were obtained by BML technical staff operating within the limits of calibration of laboratory instruments and equipment. The results neither specify if the specimens were representative nor reflect any accuracy consideration with information provided.



Michael Walker
 Quality Manager