



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

06/22/2016

Name:	The Belden Brick Company P. O. Box 430 Sugarcreek , OH 44681	Plant:	The Belden Brick Company	*Temperature: 60 - 90F
Phone:	330-852-2424	Report Number:	6989-14685	*Humidity: 30% - 70%
Fax:	330-852-2958	Received Date:	06/06/2016	
		Sampled Date:	06/06/2016	
		Lot:		
		Product Code:		

Sample Description: **PLT 2, Shale/Fireclay W/Additive (Paver, 2-3/4")**

							Test Date	
Absorption		1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)		2.14	2.13	2.17	2.13	2.07	2.13	06/08/2016
5 Hour Submersion in Boiling Water (%)		2.34	2.35	2.37	2.34	2.26	2.33	
Saturation Coefficient (Ratio of 24H to 5H)		0.92	0.90	0.91	0.91	0.92	0.91	
Compressive Strength		1	2	3	4	5	Average	
	<i>psi</i>	18,071	16,940	18,971	19,206	15,612	17,760	06/08/2016
	<i>MPa</i>	124.6	116.8	130.8	132.4	107.6	122.5	
Breaking Load		6	7	8	9	10	Average	
	<i>(lb/in.)</i>	1,282	1,526	1,524	1,592	1,509	1,486	06/21/2016
Efflorescence		11	12	13	14	15		
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		06/17/2016
Abrasion Resistance		1	2	3	4	5	Average	
		0.01	0.01	0.01	0.01	0.01	0.01	06/17/2016

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.
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