



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:	7664-16934	*Humidity: 30% - 70%
Fax:	330-456-2694	Received Date:	07/07/2017	
		Sampled Date:	07/07/2017	
		Lot:		
		Product Code:		

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

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		0.50	0.51	0.44	0.48	0.46	0.48 07/14/2017
5 Hour Submersion in Boiling Water (%)		1.11	1.33	1.11	0.90	0.99	1.09
Saturation Coefficient (Ratio of 24H to 5H)		0.45	0.38	0.39	0.53	0.46	0.44
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	18,998	28,498	25,833	28,199	19,415	24,188 07/20/2017
	<i>MPa</i>	131.0	196.5	178.1	194.4	133.9	166.8
Breaking Load		6	7	8	9	10	Average
	<i>(lb/in.)</i>	2,799	2,670	2,620	2,708	3,008	2,761 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	0.00	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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