



TEST REPORT

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

Brick and Structural Clay Tile

09/07/2015

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:	6447-12968	*Humidity: 30% - 70%
Fax:	330-852-2958	Received Date:	07/29/2015	
		Sampled Date:	07/29/2015	
		Lot:		
		Product Code:		

Sample Description: **PLT 2, SHALE/FIRECLAY W/ADDITIVE REDUCED FIRE (PAVER, 2-1/4")**

							Test Date
Absorption	1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)	0.44	0.53	0.54	0.51	0.50	0.51	08/21/2015
5 Hour Submersion in Boiling Water (%)	0.77	0.86	0.86	0.82	0.81	0.82	
Saturation Coefficient (Ratio of 24H to 5H)	0.58	0.62	0.63	0.62	0.62	0.61	
Compressive Strength	1	2	3	4	5	Average	
<i>psi</i>	19,731	17,303	15,884	16,670	12,012	16,320	08/24/2015
<i>MPa</i>	136.0	119.3	109.5	114.9	82.8	112.5	
Breaking Load	6	7	8	9	10	Average	
<i>(lb/in.)</i>	1,537	1,475	1,670	1,643	1,343	1,534	08/19/2015
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		09/02/2015
Abrasion Resistance	1	2	3	4	5	Average	
	0.00	0.00	0.00	0.00	0.00	0.00	09/02/2015

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

ASTM C 1272 - 14 Standard Specification for Heavy Vehicular Paving Brick
Type: R

ASTM C 902 - 14 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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