



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

07/12/2016

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:	7005-14735	*Humidity: 30% - 70%
Fax:	330-852-2958	Received Date:	06/16/2016	
		Sampled Date:	06/16/2016	
		Lot:		
		Product Code:		

Sample Description: **Plt 4, Shale & Fireclay No Additive, Fine (Paver, 2-1/4)**

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		3.44	3.55	3.72	3.55	3.14	3.48
5 Hour Submersion in Boiling Water (%)		4.96	4.97	5.39	5.04	4.44	4.96
Saturation Coefficient (Ratio of 24H to 5H)		0.69	0.72	0.69	0.71	0.71	0.70
							06/20/2016
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	18,503	18,413	20,332	15,284	21,270	18,761
	<i>MPa</i>	127.6	127.0	140.2	105.4	146.6	129.3
							06/20/2016
Breaking Load		6	7	8	9	10	Average
	<i>(lb/in.)</i>	993	893	1,257	979	1,015	1,028
							06/21/2016
Efflorescence		11	12	13	14	15	
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	
							07/01/2016
IRA (Oven Dried Method)		6	7	8	9	10	Average
	<i>g/min/30 in.²</i>	6.6	5.4	5.5	7.2	5.2	6.0
							06/21/2016
Abrasion Resistance		1	2	3	4	5	Average
		0.02	0.02	0.02	0.02	0.01	0.02
							06/21/2016

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

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.*