



**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*

05/05/2016

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:	6924-14492	*Humidity: 30% - 70%
Fax:	330-852-2958	Received Date:	04/18/2016	
		Sampled Date:	04/18/2016	
		Lot:		
		Product Code:		

Sample Description: **Plt 6 All Fireclay, W/Additive 4 x 12 Paver**

							Test Date
<b>Absorption</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
24 Hour Submersion in Cold Water (%)		3.46	3.43	4.07	3.94	3.40	3.66
5 Hour Submersion in Boiling Water (%)		4.25	4.32	4.97	4.82	4.13	4.50
Saturation Coefficient (Ratio of 24H to 5H)		0.81	0.79	0.82	0.82	0.82	0.81
<b>Compressive Strength</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
	<i>psi</i>	18,132	13,989	15,045	16,072	15,323	15,712
	<i>MPa</i>	125.0	96.4	103.7	110.8	105.7	108.3
<b>Breaking Load</b>		<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>Average</b>
	<i>(lb/in.)</i>	565	646	617	608	585	604
<b>Efflorescence</b>		<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	
							05/03/2016
<b>Modulus of Rupture</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
	<i>psi</i>	1,785	1,170	1,947	1,797	1,643	1,668
	<i>MPa</i>	12.3	8.1	13.4	12.4	11.3	12
<b>Abrasion Resistance</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
		0.02	0.02	0.03	0.02	0.02	0.02

*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.*

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

