



**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*

08/28/2017

Name:	Pine Hall Brick Company, Inc P. O. Box 836 Madison, NC 27025	Plant:	Madison	*Temperature:	60 - 90F
Phone:	336-703-8822	Report Number:	7747-17232	*Humidity:	30% - 70%
Fax:		Received Date:	08/16/2017		
		Sampled Date:	08/16/2017		
		Lot:			
		Product Code:			

Sample Description: **English Edge HD 4x8 2.75"**

							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 (%)		4.14	4.04	4.64	4.70	4.71	4.45
5 Hour Submersion in Boiling Water (%)		7.00	6.80	7.42	7.46	7.51	7.24
Saturation Coefficient (Ratio of 24H to 5H)		0.59	0.59	0.62	0.63	0.63	0.61
							08/22/2017
<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>	16,336	17,517	19,194	14,751	13,998	16,359
	<i>MPa</i>	112.6	120.8	132.3	101.7	96.5	112.8
							08/22/2017
<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>	1,131	921	760	1,073	1,011	979
							08/22/2017
<b>Abrasion Resistance</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
		0.03	0.02	0.02	0.03	0.03	0.03
							08/22/2017

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