



**CLEMSON**  
UNIVERSITY  
THE BISHOP MATERIALS LABORATORY



**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*  
03/02/2015

Name:	Pine Hall Brick Company, Inc P. O. Box 836 Madison, NC 27025	Plant:	Madison	*Temperature: 60 - 90F
Phone:	336-548-6007	Report Number:	6126.11805	*Humidity: 30% - 70%
Fax:	336-548-1837	Received Date:	01/29/2015	
Sample Description:	Thin (1 3/8")	Sampled Date:	01/29/2015	
		Lot:		
		Product Code:		

	1	2	3	4	5	Average	Test Date
<b>Absorption</b>							
24 Hour Submersion in Cold Water (%)	5.67	5.74	5.72	5.51	5.41	5.61	01/30/2015
5 Hour Submersion in Boiling Water (%)	8.97	9.21	9.09	8.71	8.77	8.95	
Saturation Coefficient (Ratio of 24H to 5H)	0.63	0.62	0.63	0.63	0.62	0.63	
*The 1 and 2 hour boiled water absorption tests are not required by the customer							
<b>Compressive Strength</b>							
psi	17,746	18,445	18,064	22,193	18,478	18,985	02/02/2015
MPa	122.4	127.2	124.5	153.0	127.4	130.9	
<b>Breaking Load</b>							
(lb/in.)	319	204	214	229	219	237	01/30/2015
<b>Efflorescence</b>							
	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		02/10/2015
<b>Abrasion Resistance</b>							
	1	2	3	4	5	Average	
	0.03	0.03	0.03	0.02	0.03	0.03	02/10/2015

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

ASTM C 902 - 14 Standard Specification for Pedestrian and Light Traffic Paving Brick

Class: SX, MX, NX

Type: I, II, III

R. Parker Stroble, 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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